

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 24 1958

Now

- A bottle of Savlon that sells
for only **1'5 $\frac{1}{2}$ d**

The new I.C.I. home antiseptic is
something everyone can afford

ect a big surge in the sales of Savlon
aid Antiseptic now that there's a
bottle costing only 1'5 $\frac{1}{2}$ d. This
I.C.I. home antiseptic — based
hat most powerful germicide, chlor-
dine — has been prepared in this
ller size to meet popular demand.

There'll be a bold new advertising
campaign, using big spaces in the
great daily newspapers, to announce
the new low-price bottle. So get ready
for a bigger demand for Savlon—the
antiseptic that kills *more* germs and
more *kinds* of germs.

Savlon LIQUID ANTISEPTIC

Also available standard size bottles, 2/9d., and economy size bottles 4/7 $\frac{1}{2}$ d

All prices include Purchase Tax

IMPERIAL CHEMICAL INDUSTRIES LIMITED PHARMACEUTICALS DIVISION WILMSLOW CHESHIRE



Ph 823 T

There is no doubt...



sells!

and
SUMMER BONUS TERMS
forecast
**A SUNNY OUTLOOK
ON PROFIT**

6 FREE TUBES

On all orders for 6 dozen assorted in complete dozens of either size, 1/6 or 2/6 retail price, 1 tube in each dozen will be **FREE** (i.e. 12 charged as 11).

24 FREE TUBES

On all orders for 12 dozen or over, assorted in complete dozens of either size, 1/6 or 2/6 retail price, 2 tubes in each dozen will be **FREE** (i.e. 12 charged as 10).

ORDER NOW!

This Summer Bonus offer may be included within our standard £15 discount parcel. Normal carriage terms.

FOR THE VITAMIN B-COMPLEX IN
HIGH CONCENTRATION



R.A.F. Hawker Hunters in vertical climb.

Air Ministry photograph. Crown Copyright reserved.

Orovite contains the principal vitamins of the B complex in very high concentration for massive oral dosage. It is suitable for all cases in which physical and psychological well-being depend on the restoration of normal intra-cellular metabolism after severe illness. It is useful to promote recovery after operation or such infections as influenza or pneumonia.

TABLETS: in packs of 25, 100, or 500. Dose 1 to 3 tablets daily.

ELIXIR: in 6 fl. oz. and 40 fl. oz. bottles. Dose 1 to 3 teaspoonfuls daily.

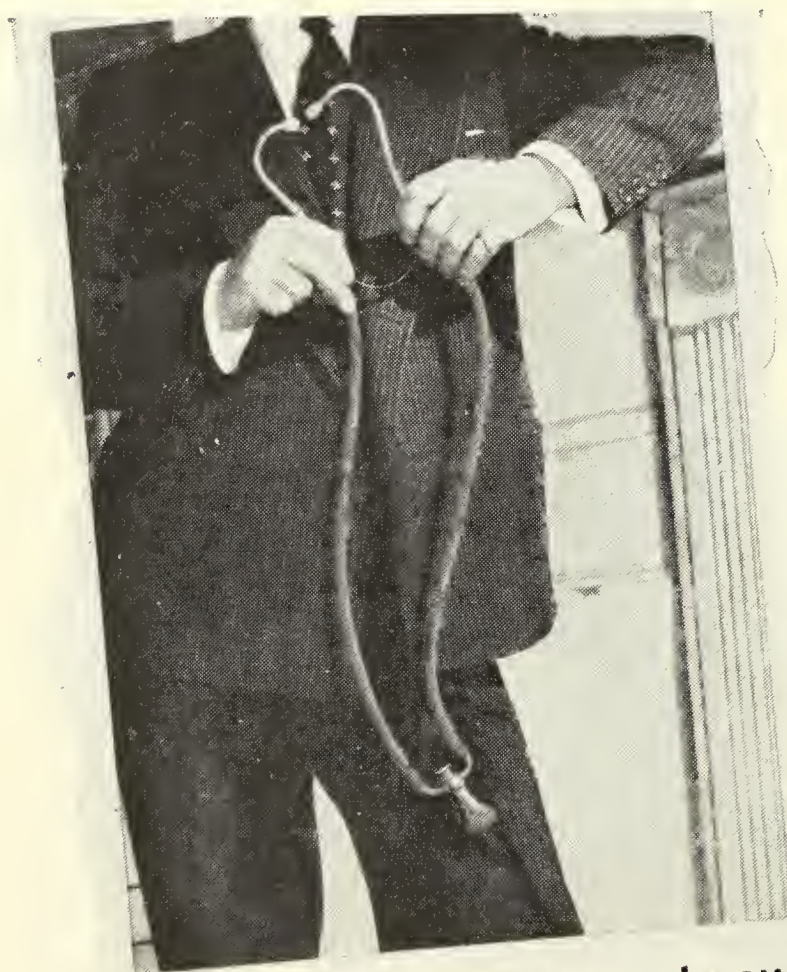


VITAMINS LIMITED

(DEPT. A.A.5.) UPPER MALL LONDON, W.6.

VIGOROUS NEW ADVERTISING FOR DISPRIN

*...and 9 out of 10 people
will see it more than 30 times!*



Those whose job it is to know
prefer **DISPRIN**
for headaches

PEOPLE EXPERIENCED IN these things know that Disprin
... there is more than that

NEW CAMPAIGN BREAKS IN PRESS AND TV

This compelling new advertising for Disprin will reach *nearly 90% of all adults in Great Britain* in 1958. This advertising keeps up the pressure, too—typical readers will be exposed to it more than 30 times during the year.

Large advertisements in national daily and Sunday papers, women's magazines, and frequent announcements on ITV, will all be telling the Disprin story—the *soluble, safe* pain-reliever that doctors recommend.

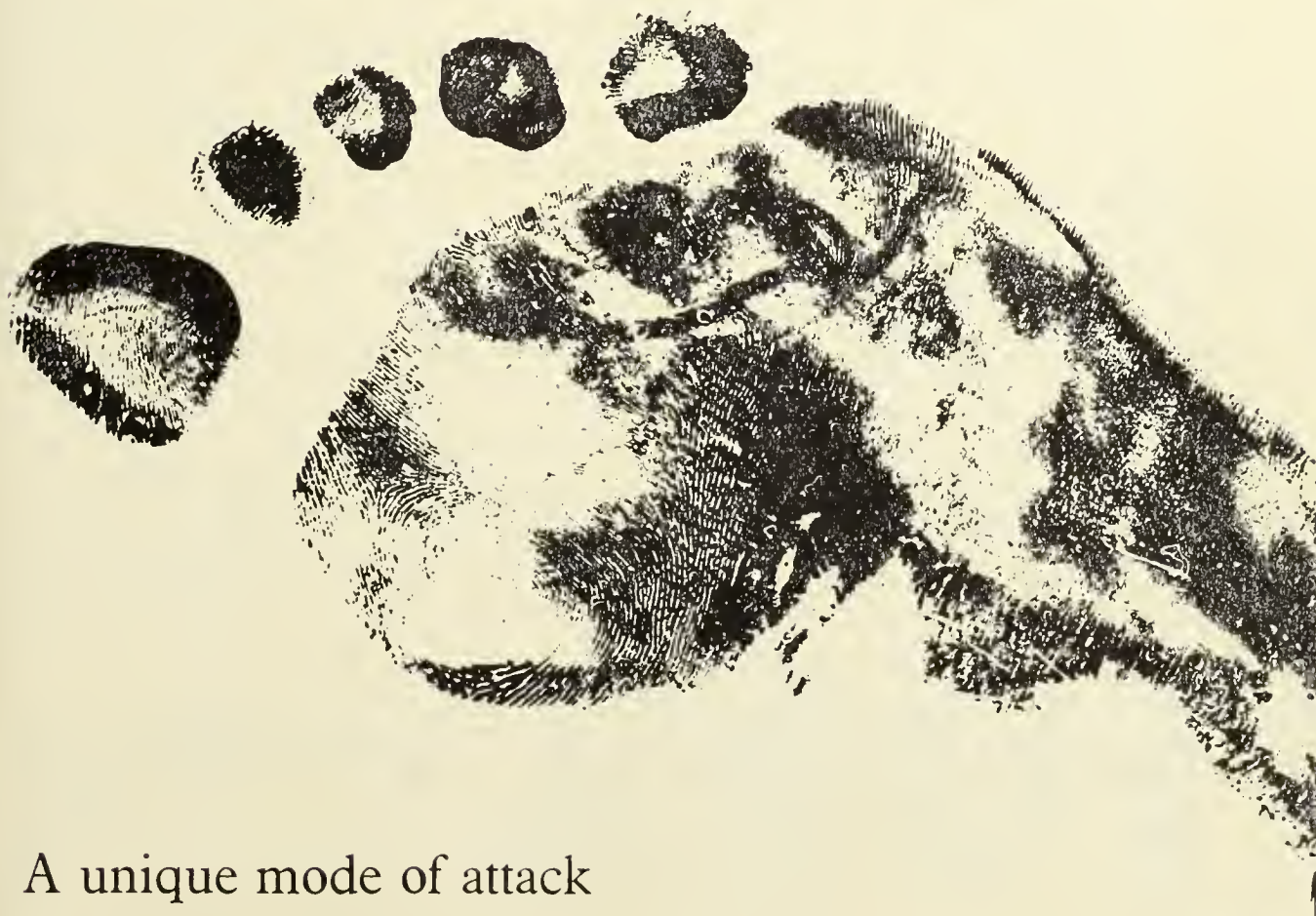
RETAIL PRICES 50-tablet bottle 3/3
(incl. P.T.) 26-tablet bottle 1/11½
8-tablet foil 9d.

TRADE PRICES 50-tablet bottle 23/- doz.
(excl. P.T.) 26-tablet bottle 13/10 doz.
8-tablet foil 5/2 doz.

RECKITT & SONS LTD., PHARMACEUTICAL DEPT., HULL

Stock and display **DISPRIN**, and make the
most of this strong advertising support

ATHLETE'S FOOT AND OTHER SUPERFICIAL MYCOTIC INFECTIONS



A unique mode of attack

'Glyped' Cream offers a new approach to the control of Athlete's Foot and other superficial dermatophytoses. It contains glyceryl triacetate, which provides effective antifungal therapy by means of a self-controlled enzyme action on the skin. Free fatty acid is released and maintained at a constant level within a pH range of the optimum therapeutic effect and this is non-irritating to the tissues even over long periods.

The clinical effectiveness of 'Glyped' Cream against a number of common dermatophytic conditions has been confirmed by workers in

the Dermatological Department of the University of Wisconsin, U.S.A.*

'Glyped' Cream contains 25% glyceryl triacetate in an emollient cream base. Literature and further information are available on request.

* A.M.A. Arch. Dermatol (1956). 74. 73.

'Glyped' CREAM

Issued in 25 gramme collapsible tubes

Non-irritating · non-sensitising · odourless · inconspicuous in use

Manufactured under licence from Wisconsin Alumni Research Foundation; patent applications pending.

Made in Great Britain by IMPERIAL CHEMICAL INDUSTRIES LIMITED

Pharmaceuticals Division Wilmslow Cheshire



Ph.831/r

meta-CHLOROANILINE

GUAIACOL

ISONIAZID

PHENOLPHTHALEIN

POTASSIUM GUAIACOL SULPHONATE

JOSEPH WEIL and Son Ltd

Friars House, 39-41 New Broad St.
London E.C.2 Phone: Lon 5052 PBX
Telex No. 2-2514

Proprin

No Gastric
Upset
Rapid Action
Palatable

A PERFECT SOLUBLE ASPIRIN TABLET

20's (1/6) ... 10/- per doz. Plus Purchase Tax.
50's (2/10) ... 18/- per doz. Plus Purchase Tax.
Packed in very handsome display outers
100's (4/9) ... 31/6 per doz. Plus Purchase Tax.
Dispensing Pack of 1,000 ... 15/6 Tax free.

ASHFIELD, BRADFORD, 7

*Brook Parker & Co
Ltd*

AMBYTHENE

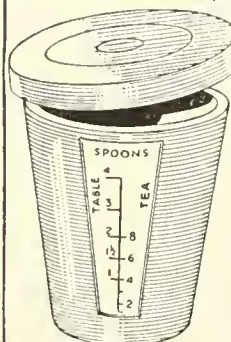
(BRAND OF POLYTHENE)

MEDICINE MEASURES

UNBREAKABLE—ACCURATE

with or without close fitting lids
obtainable from usual distribu-
tors at 12/1 dozen with lids or
8/9 dozen without lids.

Wholesalers' supplies
obtainable direct from



AMPLEX APPLIANCES (KENT) LTD.
19 DARTMOUTH ROAD, HAYES BROMLEY, KENT
(RAvensbourne 5531)

ITONA

SUGAR CANE MOLASSES

packed in glass jars
for convenience and
better protection.

Available in various sizes.

SELLING AGENTS

JEFFREYS, MILLER & CO. LTD.

LEYLAND MILLS, WIGAN

MANUFACTURER'S OFFER OF STEEL SHELVING

- Brand new — Manufactured in our own works
- Shelves adjustable every inch
- Heavy gauge shelves will carry 400 lb. each
- Stove enamelled dark green
- 6 shelves per bay — extra shelves 8/- each
- Quantity discounts

72" High
34" Wide
12" Deep

Telephone:
69018/9

Delivered FREE £3 15s.

ENGLAND, SCOTLAND & WALES

Ready for Erection

N. C. BROWN LTD.

SHELVING DIVISION • EAGLE STEEL WORKS
HEYWOOD • LANCs



and All-Steel DRAWER UNITS



The Standard
drawer, 5 in.
wide x 3 in.
high x 11½ in.
long containing
one free divider
and drawer card.
Sample will be
sent on request.

20 of these
drawers are con-
tained in the
"INDUSTRIAL
T W E N T Y."
Overall size,
42 in. high x
13 in. wide x
12 in. deep.
Delivered free
£7.15.0.

Send for leaflets of other sizes.
Stove Enamelled Dark
Green.



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“Certain companies could almost invariably be relied upon to produce tablets of first-class quality, both from the chemical and physical points of view.”

Bagnall, Pharm. J., 1957 (Oct. 26) 179, 336

Preferably B.D.H.



The current range of B.D.H. tablets embodies no less than 546 substances or combinations. There are 13 different shapes and finishes in sizes ranging from $\frac{11}{64}$ " to 1" diameter and they are presented in 1786 variations of packaging.

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Two absolute winners!

Dr. Page Barker. Everyone knows that name. It stands for quality. And it is quality and reputation that ensure repeated sales.

Dr. Page Barker's Scurf and Dandruff Lotion and D.43 Shampoo are known for their unfailing reliability in keeping the scalp clean and healthy. And healthy hair means hair with lustre and looks.

Stocking these popular lines, means that you have a share in the prestige and the profits!

A Page Barker Showcard, that will catch the customer's eye and remind him of his need is available on request.

THOS. CHRISTY & CO. LTD

North Lane, Aldershot, Hants.

YOU'LL BE ASKED FOR SQEZY AGAIN..AGAIN AND AGAIN

**display
SQEZY
now
for
double sales**

**ADVERTISED EVERYWHERE
TELEVISION...LOCAL PRESS
WOMENS MAGAZINES**



Eight weeks concentrated hard-hitting advertising will make SQEZY a household name — and a regular seller in your shop. Use our Free Display material to reinforce every customer.

**KIRBY
OF LONDON**

our
business
is...

**PHARMACEUTICAL
MANUFACTURING**

OWN MATERIALS
PROCESSED
SPECIAL FORMULAE
PREPARED

PACKED
PHARMACEUTICALS

PESSARIES · SUPPOSITORIES
SOLUTION TABLETS · EYE
OINTMENTS · SOFT GLYCERINE
LOZENGES

**PILLS
TABLETS
CAPSULES**

STERILE PRODUCTS
PENICILLIN
PREPARATIONS

HOME & EXPORT
ENQUIRIES
INVITED

When **KLEENEX** in the **DAILY MIRROR**

*Display KLEENEX
on your counters, in your windows.
Be sure customers see that you
are their nearest stockist.*



advertise ROR *YOU GET*



DAILY MIRROR

biggest daily
sale in the
universe

14,402,000 readers
every day

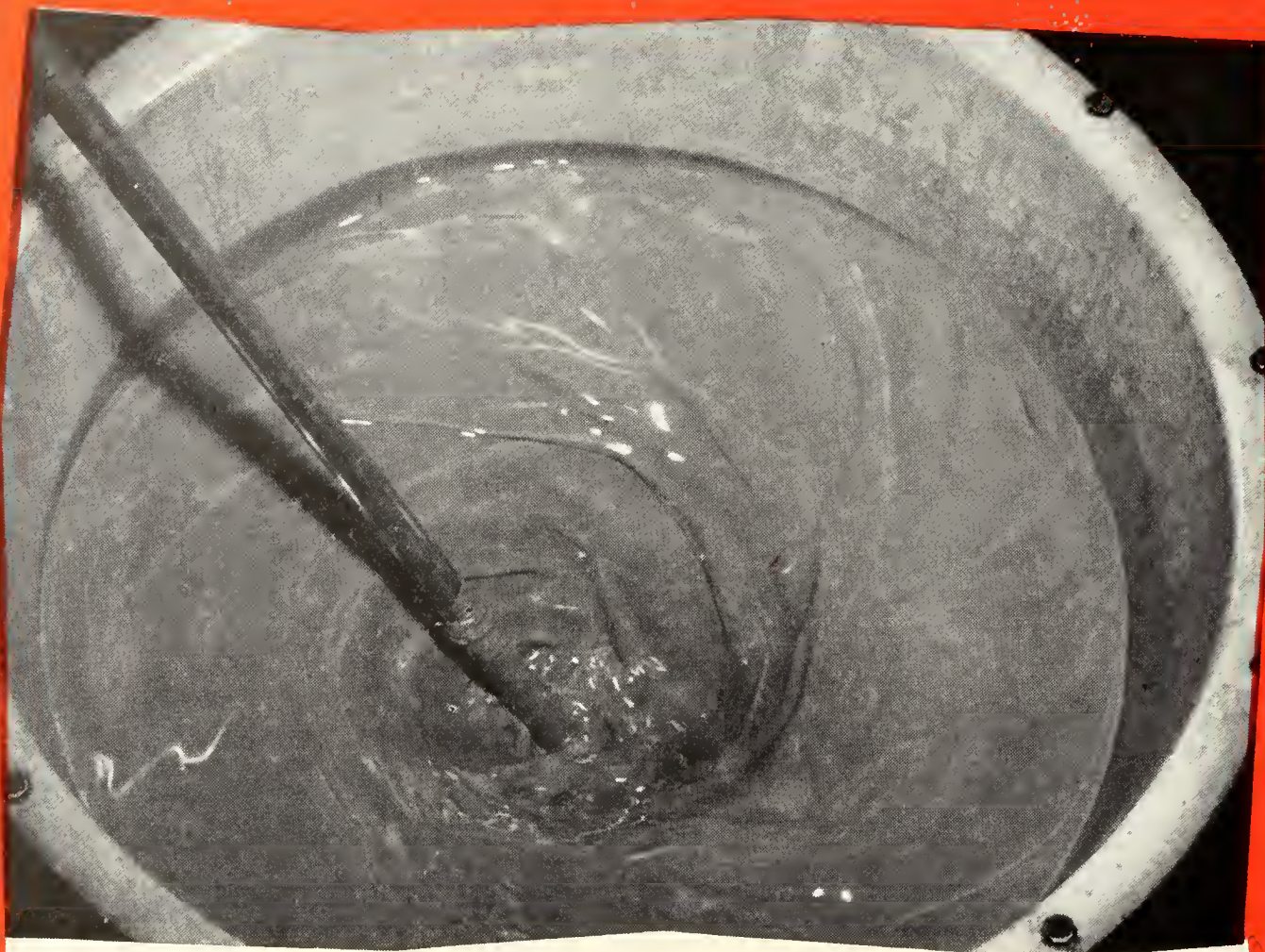
Moves goods
LOCALLY,
regionally and
nationally

 One in
two of
all customers
under 35
knowing all
about
KLEENEX

 One in
three of
all customers
of *all* ages
knowing all
about
KLEENEX

 Extra
business,
extra profits,
when
KLEENEX
use the
Daily Mirror





OINTMENTS & CREAMS in bulk

StaffordAllen's ointments and creams are exceptionally fine and smooth. Solid ingredients are added in fine subdivisions and very fine milling of the ointment mix is achieved through micrometer adjusted Colloid Mills.

Our range includes:

CREM. CALAMIN. CO., B.P.C.

CREM. ZINCI OXID., B.P.C.

UNG. ACID BENZ. CO., B.P.C.

UNG. CAPSICI, B.P.

UNG. HYDRARG. CO., B.P.

UNG. METHYL. SAL., B.P.C.

UNG. ZINCI OXID., B.P. etc. etc.



StaffordAllen's



Roller milling



Colloid milling

* *We also manufacture to customers' private formulae*

STAFFORD ALLEN & SONS LIMITED, WHARF ROAD, LONDON, N.1. Telephone: CLERKENWELL 1000

AL598



A BLAZE OF PUBLICITY—that's what we're giving the 'Alkathene' label. We're telling housewives to look for it whenever they buy houseware. This is the theme of colour pages in women's magazines, 15 and 30-second TV commercials and a 2-minute colour film in cinemas. Your customers won't accept just any polythene article—they'll look for the 'Alkathene' label.

Are you ready to meet this growing demand? Make sure you order houseware which carries the 'Alkathene' label. Give it a good display, so that you profit from this great advertising effort.

FREE DISPLAY MATERIAL

to link your shop with 'Alkathene' national advertising, available on application through your usual trade channels or direct to Publicity Dept., Plastics Division, Imperial Chemical Industries Ltd., Welwyn Garden City, Herts. Shelf cards can be obtained from individual manufacturers.

'Alkathene' is the registered trade mark for the polythene manufactured by I.C.I.

IMPERIAL CHEMICAL INDUSTRIES LIMITED · LONDON · S.W.1



A.H.34

Snap-happy customers for YOU!

When you tie up with the great new

ILFORD national advertising campaign



'Be snap-happy with ILFORD films!' — that's the theme of the new ILFORD campaign, designed to encourage every camera user to ask for the famous films that make all pictures better and good pictures brilliant. Attract more snap-happy customers than ever before. Give the new ILFORD display material a prominent showing in your window and on the counter.

ILFORD LIMITED · ILFORD · ESSEX

IF YOU ARE LOOKING FOR A TABLET MANUFACTURER TO HANDLE YOUR PRODUCT
BE IT LARGE OR SMALL, IN THOUSANDS OR MILLIONS, WHY NOT

CONTACT ONE OF THE FOREMOST MAKERS WHO HAVE TAKEN PRIDE IN

MANUFACTURING TABLETS & PILLS FOR MANY YEARS

RICHARD DANIEL & SON, LTD. DERBY

Write us at Mansfield Road or ring Derby 40671 (Eight lines)

IN THE WEST COUNTRY

**THERE IS A SAFE HOME
FOR SAVINGS...**

...A PROFITABLE ONE TOO !

Any spare capital you have should earn money for you, and you could not place it in better hands than those of the men who control this organisation.

Fixed Term Deposits $7\frac{1}{2}\%$

Ordinary Deposits at 6 months notice $7\frac{3}{4}\%$

Ordinary Deposits, shorter terms up to 7%

*** Post this TODAY !**

To:— WESTERN CREDIT LTD.,

DIRECTORS
The Rt. Hon. ISAAC FOOT (Chairman)—J. R. TRAHAIK, M.A., A.C.I.S.
S. SANGER, A.C.I.S.—N. R. TRAHAIK—D. B. SANGER

INDUSTRIAL BANKERS

**AUSTIN HOUSE
ROYAL PARADE
PLYMOUTH, DEVON**

**16 OLD BOND ST.
LONDON, W.1**

GROUP ASSETS EXCEED £2,000,000

PLEASE SEND ME INFORMATIVE BOOKLET

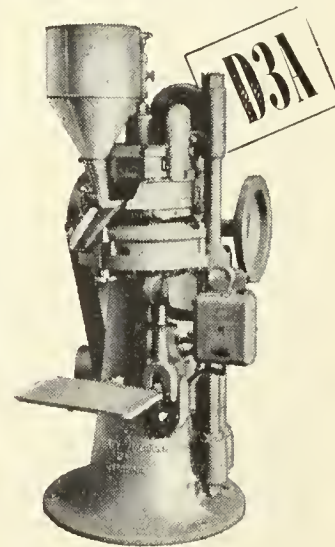
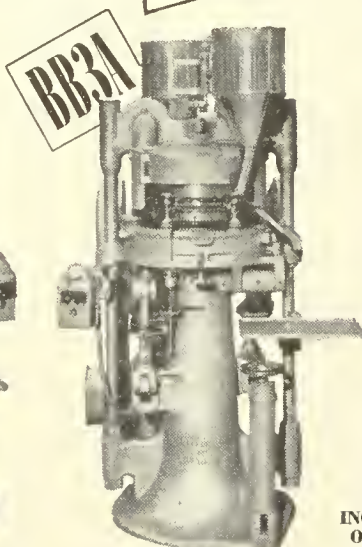
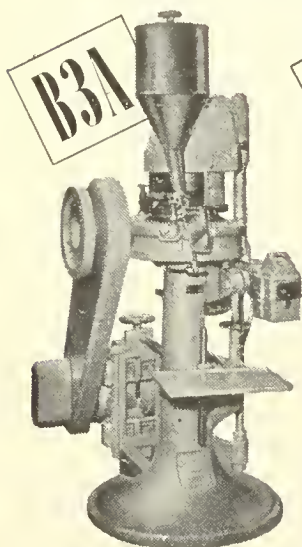
C.D.3.

REPLY TO

NAME _____

ADDRESS _____

★ ★ 3 redesigned models of the ★
well tried **MANESTY** range of



ROTARY TABLET MACHINES

The Manesty B3, D3 and BB3 Models have now been redesigned and all incorporate strengthened upper roll supports and new type pressure rods. These redesigned models are known as the B3A, D3A and BB3A, respectively.

The D3A model is suitable for tablets up to 1 inch in diameter and is also used to some extent for "slugging" purposes. The BB3A model can be supplied with 27 pairs of punches for tablets up to $\frac{1}{2}$ inch diameter and with 33 pairs of punches for tablets up to $\frac{13}{32}$ inch diameter.

All models can be supplied for constant or vari-speed drive.

INCREASED OUTPUTS { B3A up to 42,000 per hour
D3A up to 30,000 per hour.
BB3A (27 punch) 91,000 per hour.
(33 punch) 110,000 per hour.

We are exhibiting at the
Chemical and Petroleum
Engineering Exhibition
Olympia 18th to 28th June

● Fully illustrated leaflets on request.

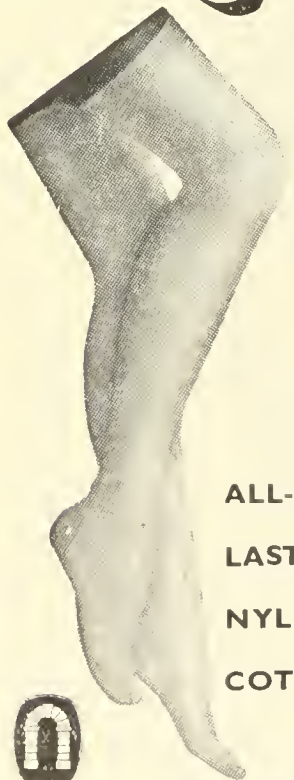
MANESTY MACHINES LIMITED

DEPT 5, SPEKE, LIVERPOOL, 24. Telephone: HUNTS CROSS 1972. Telegrams: MANESTY, LIVERPOOL 24

AUTOMATIC WATER STILL • COATING PANS • MIXERS • GRANULATORS • PUNCHES AND DIES • DRYING OVENS

SURGICAL HOSIERY OF FIRST QUALITY

COLBY



offer 48-hour delivery of
Nylon or Lastex yarn
stockings in stock sizes.
Individual hose made to
special requirements at
short notice.

INVISIBLE under ordinary
stockings, beautifully made of
finest quality materials

ALL-WAY STRETCH NYLON

★

LASTEX TWO-WAY STRETCH

★

NYLON-COTTON NET

★

COTTON NET

Write for list of sizes and prices,
measurement charts, etc.



COLBY PRODUCTS LTD., 314 EUSTON ROAD, LONDON, N.W.1

The sales of DENTURAL LIQUID DENTURE CLEANSER

GO UP YEAR AFTER YEAR

There are good reasons for the steady progress of Dentural. Intense postal publicity and year round advertising in the professional journals promote a steady flow of recommendations by Dentists—and patients quickly appreciate the extra cleanliness which Dentural ensures—it can be felt as well as seen.

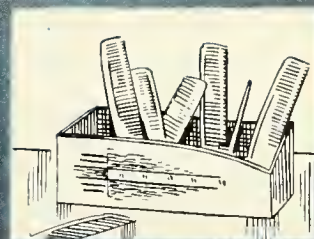
SAVORY & MOORE LTD.
Standard Works, Lawrence Road, N.15

★ Automatic Stratton Comb Server

★ COMBS ALWAYS KEPT
UPRIGHT, EVEN WHEN
CABINET NEARLY EMPTY

★ EASY TO REFILL

NOT
THIS



BUT THIS



FINEST ACETATE
TWIN-TONE COMBS

No. 25 COMB STAND AT 56/6 PER 6 DOZEN SET

Comprising :-

1 Dozen 'Valet' 7½" (03TT)	•	½ Dozen 'Boudoir' 7½" (014TT)
¼ Dozen 'Travel' 6" (06TT)	•	¼ Dozen 'Esquire' 5" (020TT)
1 Dozen 'Vanity' 5" (04TT)	•	1 Dozen 'Kurlie' Tail 6½" (019TT)

TOTAL = 6 DOZEN

RETAILER'S COST 56/6 + TAX • TOTAL RESALE VALUE 101/3

REFILLS OBTAINABLE

ORDER FROM YOUR WHOLESALE

MANUFACTURERS : JARRETT, RAINSFORD & LAUGHTON LTD., BIRMINGHAM 14

introducing



the girl in the bath,

who introduces Fields new *French Flowers*

with perfume from Paris

Provocative advertising in full colour and black and white will appear in
 WOMAN · WOMAN'S OWN · SHE · EVERYWOMAN · MODERN WOMAN
 WOMAN'S REALM · WOMAN'S DAY · WOMAN'S ILLUSTRATED
 to sell Fields new French Flowers range to over ten million women.



FRENCH FLOWERS PERFUME STICK
 Long-lasting perfume from Paris, attractive handbag size case; unspillable, unbreakable. 2/9. Every twelve in a counter dispenser.



FRENCH FLOWERS BATH CUBES with perfume from Paris, 5½d. Twelve or six in counter dispenser.



FRENCH FLOWERS SOAP with perfume from Paris. Attractive individual wrapping to keep the fragrance in. Fine-milled, pale blue. 1/-. In boxes of three.

**Put in your order now—
 you will receive attractive display material**

Fields

OF BOND STREET, LONDON

orders and correspondence to J. C. & J. Field Ltd., P.O. Box 482, Manchester



QUALITY
in White Flint
GLASS CONTAINERS

RECTANGULAR TABLET BOTTLES
Nos. 1 to 6 sizes

OVAL TABLET BOTTLES
Nos. 1 to 7½ sizes

SCREW CAPS (*White enamelled tinplate, Satin finish aluminium and Black plastic*) are available for all sizes.

- * Prompt delivery from stock
- * Packed in easily handled cartons

WHOLESALE ONLY



**NATIONAL GLASS
 WORKS (YORK) LTD.**

FISHERGATE, YORK. Tel. YORK 23021
 ALSO AT: 105 HATTON GARDEN, LONDON, E.C.1.
 Tel. HOLBORN 2146



First Class in **GLASS**

86

HALF-MINUTE TELEVISION^{*}
 ADVERTISEMENTS WILL SELL
SPRINKLEEN
REGD. TRADE MARK
 TO MORE PEOPLE THAN EVER
 IN MAY, JUNE, JULY & AUGUST

^{*} Transmitted from London,
 Midlands, Lancashire, Yorkshire
 and Scottish Television Stations.



SPRINKLEEN has leapt to the forefront in sales as *the* cleaner for carpets, upholstery and heavy curtains. Meet the demand by ordering additional supplies from your wholesaler now, and make sure you keep **SPRINKLEEN** always on display.

Sole distributors to the Wholesale and Retail Pharmaceutical Trade:
FASSETT & JOHNSON LTD., 86 CLERKENWELL ROAD, LONDON, E.C.1 (CLERKENWELL 2336)
 and at 139 BATH STREET, GLASGOW, C.2 (CITY 4747)

Stocking up?



Make sure it's advertised in the Daily Mail

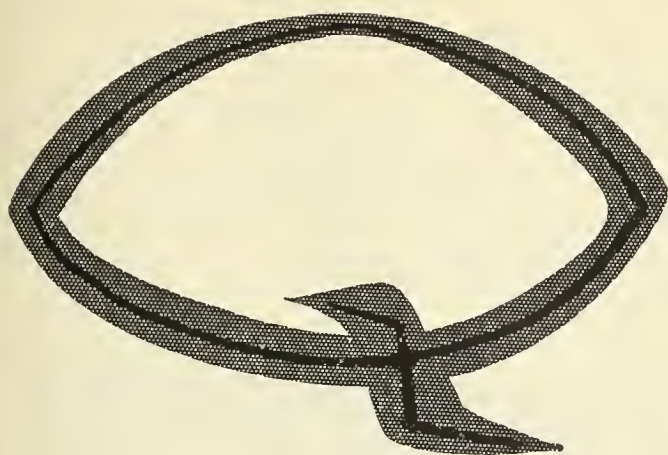
The product *is* important. But so is the advertising. When the salesman comes around, ask him this: *'Is the Daily Mail on the advertising schedule?'*

So much depends on the answer. If it's Yes, you can stock up and be sure you're not making a mistake. You can't go wrong because your best customers, the ones who come back day after day, tend to be Daily Mail readers. You can tell from their shopping habits.

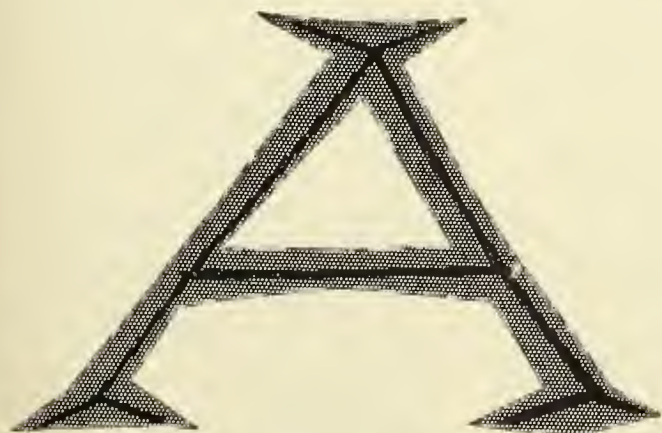
People know from experience that Daily Mail advertisements are as good as their word. All Daily Mail advertisements are carefully vetted. If a reader finds an advertised product unsatisfactory – and makes a genuine complaint – the Daily Mail will see that he gets his money back. If necessary it will bear the expense itself. People know they can *trust* the Daily Mail.

So it's only sensible to check. Make sure your lines are advertised in the Daily Mail.

YOUR BEST CUSTOMERS READ THE DAILY MAIL



Do mothers ask
your advice about
baby feeding?



Of course they do. And your advice is particularly valuable to those whose babies are at the mixed feeding stage. You know that a balanced and varied diet trains growing appetites along healthy lines.

That's why you tell mothers about all the 24 kinds of Heinz Baby Foods. You help them, too, to pick out from your displays, varieties that they haven't tried before.

Already well over 1 million cans of Heinz Baby Foods are eaten every week and there is still a huge potential in this growing market. More mothers will be encouraged to buy from you if you stock *all* the varieties and keep them on display.



YOU and HEINZ⁵⁷

together help
build healthy babies—
make healthy profits too!



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 169

May 24, 1958

No. 4083

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No.

The CHEMIST AND DRUGGIST

Volume 169

MAY 24, 1958

No. 4083

Export Merchants

POSSIBLE NEW "HOME" MARKET

THE chairman (Mr. W. H. Williamson) addressing the annual meeting of the National General Export Merchants' Group in London on May 8 said that with the establishment of the European Common Market and the possible formation of a European Free Trade Area a new "home" market would be created. Mr. Williamson said that merchants who traditionally traded with the Continent as an export area might well have to change their ideas and methods to deal with it as a home market, just as a United States merchant of, say, New Orleans dealt with California or New York. He felt that the Free Trade Area should be an export prize in itself for Britain to share and develop with her European and Scandinavian partners.

Hospital Pharmacies

"USEFUL FIELD FOR WORK STUDY"

MR. L. G. S. Mason, O.B.E. (organisation and methods division, Ministry of Health) told the Institute of Hospital Administrators at their annual conference in London recently, "We hope that the opportunity will present itself in the future to examine pharmaceutical storekeeping arrangements, and the transportation of drugs and dressings, because there seems here to be a useful field for work study." During the division's examination of hospital pharmacies for the Department of Health for Scotland a particularly convenient method of valuing the issues of drugs

had been found, he said. A group pharmacy had a "stores" or bulk stock, and a "dispensary" or working stock. All goods received were taken into the bulk store in the first instance, and the unit price was written on each package. Issues from the store, whether to the dispensary, or to wards or other hospitals, were made against requisitions, and the price of each article was entered on the requisition form from the package. The value of monthly consumption was arrived at by sorting and totalling the requisitions at the end of each month. The value of issues into the dispensary was allocated between the various hospitals for which a dispensing service was provided, on a proportionate basis.

Telegrams to Suppliers

A CONTRACTOR'S EXPENSES APPROVED

BURTON (Staffs) Executive Council have agreed to approve a request by a Burton chemist for 9s. out-of-pocket expenses incurred in sending telegrams to get immediate delivery of urgently required drugs. It was stated that the chemist did not have the drugs in stock and to avoid a delay in making up the prescription he telegraphed to another supplier for immediate delivery. Dr. N. J. Cockran (chairman of the Council) said that the drugs were fairly urgently needed and they were not of a type necessarily kept in stock. He said it has been the first time such a request for payment had been made in Burton. Mr. A. G. Brammer suggested that the council should approve the request but should indicate that such a practice

was discouraged. The chemist should attempt to contact local chemists first. The Council agreed to the suggestion that they should recommend payment.

Executive Councils

SUBSCRIPTION TO ASSOCIATION

THE rates of the annual subscriptions paid by Executive Councils to the funds of the Executive Councils' Association (England) have been considered by the Minister of Health. The Minister decided that approval for the payment of increased subscriptions by certain Executive Councils should be continued in the financial year commencing April 1 as follows:—Executive Councils in population group 75,000–150,000, £15; Executive Councils in population group 150,000 – over 3,000,000, £20. Payment by Executive Councils in those groups (who wish to do so) of a subscription at the rates indicated is to be notified by the Council to the Ministry.

Pesticides

ISSUE OF SUGGESTED COMMON NAMES

INSTEAD of, as in the past, waiting until sufficient of its suggested new common names for pesticides are accumulated and then issuing them as a draft for comment, the British Standards Institution is now publishing them immediately they have been approved by the relevant technical committee. That decision was taken in an effort to assist chemical manufacturers and users of pesticides. The first draft addendum to B.S. 1831 is given on the next page:—



Retired members of the staff of Parke, Davis & Co., Ltd., Staines Road, Hounslow, took time off for their photograph to be taken when they were entertained by the company on May 1.

PROPOSED COMMON NAME	CHEMICAL NAME
chlorpropham	isopropyl <i>N</i> -(3-chloro-phenyl) carbamate
dimeturon	dimethylphenylurea
dinoprop	dinitroisopropylphenol
disul	2-(2:4-dichlorophenoxy) ethyl hydrogen sulphate
disul-sodium	sodium 2-(2:4-dichlorophenoxy)ethyl sulphate
diuron	<i>N</i> -3:4-dichlorophenyl- <i>N'</i> -dimethylurea
griseofulvin	7-chloro-4:6:2'-trimethoxy-6'-methylgris-2'-en-3:4'-dione
oxytetracycline	4-dimethylamino-1:4:4a:5:5a:6:11:12a-octahydro-3:5:6:10:12:12a-hexahydroxy-6-methyl-1:11-diox-2-naphthacene-carboxamine
quintazene	pentachloronitrobenzene
simazin	2-chloro-4:6-bis(ethyl-amino) symmetrical triazine

Comments on the names should be sent to Mr. R. K. Thomas, British Standards Institution, 2 Park Street, London, W.1, to arrive before June 25.

"Shared" Safety Officers

AN IDEA FOR SMALL FACTORIES

AT a meeting in London recently of the central metropolitan group of the London Industrial Committee, Royal Society for the Prevention of Accidents, Dr. T. O. Garland (consultant to the occupational health unit, Central Middlesex Hospital) outlined a suggestion that small industrial concerns should combine in the appointment of a safety officer. Dr. Garland told members that most of his experience as an industrial medical officer had been with smaller firms, and he had found that the small factory had the same problems as the larger, but perhaps more of them. Within ten minutes of the Central Middlesex Hospital there were 260 factories, and of those 200 had no nurse, no doctor, no safety officer. The larger factories are, for the most part, well served medically and from the safety point of view. The real challenge came from the smaller factories. Doctors and nurses alone could not meet the challenge. There was need for safety officers behind them. Managements would first need to be convinced that a safety officer had a useful function to perform. Members of the group discussed Dr. Garland's suggestions and came to the conclusion that the safety officer would have to be urged on managements as a form of insurance; and that he would be wise to appoint liaison officers or safety committees in each of the factories.

Chemical Plant

ANNUAL REPORT AND OFFICERS

THE British Chemical Plant Manufacturers' Association's report for 1957 states that inquiries for chemical plant are often received from overseas firms who require, in addition to the plant, full technical details of the chemical process involved outside the plant and processes in common use. There are often occasions when the plant manufacturer lacks the process knowledge. During

the year agreement was reached between the Association and that of the British Chemical Manufacturers whereby a plant manufacturer may seek the assistance of appropriate chemical manufacturers for necessary process details. It is hoped this arrangement will enable members to secure increased business overseas particularly in hitherto underdeveloped countries. At the annual meeting of the Association held in London on May 1, Mr. H. W. Fender (vice-chairman and managing director, Pro-dorite, Ltd.); was elected *Chairman* of the Association for the ensuing year. At its quarterly meeting later the council elected the following officers: *Vice-chairmen*, Mr. N. C. Fraser, Dr. R. Lessing and Mr. P. W. Seligman; *Treasurer*, Mr. M. Wyndham.

Dangerous Drugs Stolen

RAID ON HOSPITAL PHARMACY

AFTER a large quantity of dangerous drugs had been reported stolen from Aintree Hospital, Liverpool, police patrols were rushed to all schools in the area to warn children. Members of the hospital staff discovered on May 16 that the pharmacy department had been broken into during the night. The poison cupboard and the dangerous drugs cupboard had been burst open. Missing were forty-six cardboard boxes each containing six glass ampoules of $\frac{1}{4}$ -gr. Hyperdure morphine and three boxes each containing twelve glass ampoules of $\frac{1}{4}$ -gr. morphine sulphate. Other dangerous drugs in the pharmacy were left untouched. In their inquiries detectives visited places known to be frequented by addicts. A spokesman for the hospital said: "It is obvious the person who broke in was after one or two particular types of drugs."

Patently a "Racket"

HYPOCHONDRIA THROUGH ADVERTISING?

ADVERTISING of patent medicines created a hypochondriac mentality and made people delay consulting their doctors claimed Dr. A. M. Chatelier, Middlesbrough, at the annual conference of the Socialist Medical Association held in London, on May 11. Dr. Chatelier was introducing a resolution calling for the doubling of purchase tax on "patent" medicines. "The amount of money wasted by the public each year over the counter is almost exactly equal to the drug bill of the National Health Service," he said. "To allow this appalling racket to continue alongside one of the finest health services in the world is surely anomalous." The conference decided to refer the resolution to the Association's council for consideration.

Anti-polio Tablets

WORCESTERSHIRE WARNING

HOLDING up a small packet Alderman H. Parkes told Worcestershire County Council on May 12 that it would be foolish for parents to place any reliance whatsoever on certain anti-poliomyelitis tablets which were now obtainable. Alderman Parkes, who is chairman of the Health Committee, said that in the opinion of the County

Medical Officer, Dr. J. W. Pickup, the tablets were "absolutely useless." An official of the county health department said that the authority had no right to stop a doctor who was fully qualified prescribing the tablets because they were not harmful. It is understood that the tablets made by a London firm contain a very small proportion of a dose of vaccine. One qualified doctor, who is a homoeopathist, is prescribing the tablets.

Cancer Research

NEW £850,000 LABORATORIES

THE building of new laboratories for the Imperial Cancer Research Fund, to form one of the most important centres of its kind in the world, is to be started in 1959, it was announced at the annual meeting of the fund in London on April 29. The laboratories are to adjoin the Royal College of Surgeons in Lincoln's Inn Fields and will thus be centrally situated for the big London hospitals. They are to cost at least £600,000 to build and £250,000 to equip. It is hoped that they will be ready by 1961. Prof. G. F. Marrian, Edinburgh, a member of the council of the fund, has been appointed director of research. Dr. Marrian, who is fifty-four, has been Professor of Chemistry in Relation to Medicine at Edinburgh University since 1939.

Chemists Federation

COUNCIL MEETING

A MEETING of the Chemists Federation council was held on May 8 with Mr. L. D. Smith (vice-president) in the chair. Meetings of the committees were held the previous day. The following addition to C.F. agreements was approved: S. Maw Son & Sons, Ltd. (Maw's powdered glucose). A meeting of C.F. local action committee secretaries was held on April 13 at Cheltenham, Glos. Thirteen secretaries and five officers of the Federation attended. It was arranged that Mr. A. Aldington should address C.F. meetings at Liverpool on May 19 and Thames Valley on June 5. Reports were received of C.F. work in Lancashire and Glasgow.

Dumped Cyanide

TOWN ACTS TO PROTECT WATER SUPPLY

THE local authority at Leighton Buzzard, Beds, gave British Railways twenty-four hours to remove thirty drums of cyanide found recently in a flooded sandpit used by B.R. as a dump. Local water supplies are drawn from three 250-ft. deep boreholes, one only three-quarters of a mile from the pit. One of the drums had already burst contaminating the water in the pit.

Statutory Committee

A MEMBER TO APPEAR

THE Statutory Committee of the Pharmaceutical Society of Great Britain is meeting at 17 Bloomsbury Square, London, W.C.1, at 2.30 p.m. on June 4, to consider information and evidence from which it appears that a member of the Society has been convicted of offences under the Larceny Act, 1916.

NEWS IN BRIEF

SALES of £98,363 were reported by Lincoln Co-operative Chemists, Ltd., for the half year ended March 29.

SIR Harold Gillett, was re-elected *Chairman*, Mr. Allen L. Stock, *Deputy-chairman*, and Mr. Richard L. Wills, *Treasurer* of the London Chamber of Commerce (Inc.) on May 13.

MR. R. L. Elkington, C.B.E. (Controller of the Export Licensing Branch, Board of Trade), is retiring on May 25. Mr. R. Wood has been appointed Controller as from that date.

AT the Oxford show on May 13 and 14 the Ovaltine Jersey herd won the Blythwood perpetual challenge bowl for the best Jersey cow bred in England, the group progeny class and three other awards.

SMALLPOX has broken out on Merseyside. A senior area medical officer said on May 19: "It could lead to a first-class epidemic because the latest victims, who are now in hospital, have been moving about freely with the disease for some time."

A COURSE on the control and instrumentation of reactors is being held at Harwell Reactor School, October 6-11. Fee for the course is £26 5s. exclusive of accommodation. Application forms may be obtained from the principal, Reactor School, Atomic Energy Research Establishment, Harwell, Berks.

AMONG the firms having stands at Spalding (Lincs) Trades Fair, held May 2-10, under the auspices of the local Chamber of Trade, were Boots, Ltd. They displayed a comprehensive range of cosmetics and other goods available at the local branch, with experts in attendance to advise customers.

THE Minister of Health, Mr. Derek Walker-Smith, has appointed Miss K. A. Raven, S.R.N., S.C.M., to be Chief Nursing Officer as from July 1 in succession to Dame Elizabeth Cockayne, D.B.E., S.R.N., S.C.M., who is retiring from the Public Service on June 30, 1958.

AT a special meeting on May 14, the name of the Association of British Insecticide Manufacturers was changed to the Association of British Manufacturers of Agricultural Chemicals. Officers of the Association for 1958-59 are: *Chairman*, George Huckle (Shell Chemical Co., Ltd.); *Vice-chairman*, H. C. Mellor (Bayer Agricultural, Ltd.); *Treasurer*, H. J. Jones; *Secretary*, W. A. Williams.

THE Weights and Measures (Amendment No. 6) Regulations, 1958, which come into operation on June 1, amend the Weights and Measures Regulations, 1907, in respect of the limits of error to be tolerated in weights in use for trade on inspection, verification or re-verification after these Regulations come into force. The following are the principal changes:—(a) The amounts of error both in excess and in deficiency to be tolerated on inspection of a weight are the same; hitherto the amount of error in deficiency has been half that in excess; (b) The amounts of error to be tolerated on verification are varied for both imperial and metric weights. In addition, tolerances are prescribed for metric carat weights.

TOPICAL REFLECTIONS

By Xrayser

As Before

Several factors emerge from the results of the Pharmaceutical Society's Council election, published on p. 521. One is that exactly two-thirds of those entitled to vote failed to do so. They may approve wholeheartedly of the way pharmaceutical affairs are run at Bloomsbury Square. They may, for all anyone can tell, disapprove completely of the policy of the Council. One thing is certain. They do not enter into any attempted assessment of the results announced on May 14—and they number more than 18,000. From the effective votes cast, the Council is entitled to derive considerable satisfaction, for the six candidates offering themselves for re-election obtained a vote of confidence by securing the first six places. The seventh place provided the only contest, for, by the retiral of Mr. Granville Shaw, there had to be one new member. The Council may fairly claim that the much criticised educational policy meets with the approval of the electorate, for four of the retiring members, in their electoral message, signified their support for that policy. It is extremely difficult for the "outsider" to unseat a sitting member, and it would seem that the only possibility of fresh blood comes from the decision of one or more of the present members to retire. I wish the new member, Mr. E. T. Kent, all success in his membership of the Council, and shall watch with interest his efforts to form one strong and united association to act for all sections and all interests of pharmacy.

Financial Difficulty

If one may judge from the financial statement (p. 534) presented to the Pharmaceutical Society's Council by the treasurer (Mr. W. S. Howells) the immediate future is not without its difficulties. It would seem, from the remark that "steps must soon be taken to increase the Pharmaceutical Society's basic income" that an increase in fees is contemplated, in which event last week's vote of confidence may suffer. When, immediately following the passing of the Pharmacy Bill in 1953, the personal retention fee was substantially raised, the statement was made that the Society was dependent on the sale of its publications for financial solvency. The increase at that time was to make the position more secure. Now, only four years later, the general fund is again in deficit (for the third successive year) and once more we appear to rely for our solvency on publications (but not, it would seem, on the most frequently appearing one of them). At the same time it has not yet been found possible to repay a loan of £15,000 from the Premises Fund. Whatever steps may be taken to restore the depleted coffers, most members will agree with the resolution of the Tunbridge Wells Branch deploring the Council's decision to reimpose the retention fee for retired members over seventy years of age (p. 536). Their enjoyment of the concession has been short-lived, and there are surely economies in administration that could have been looked at before virtually discarding veterans who have given a long life to pharmacy.

The Photographic Season

On the brink of another photographic season, the success of which is measured by the weather, one realises, from a perusal of lists and catalogues, just how far we have travelled from the days of the popular box camera. The progressive photographic chemist of other days was easily recognised. He had at his door a large picture frame containing negatives and daylight printing paper, and at intervals he left his pill-machine and made a hurried trip to the outside world to make certain the prints were not overdone in his absence. There was no photo-electric cell to guide him then. He was a craftsman in both photography and pharmacy. Now, colour in transparency and print is technically, if not financially, within the reach of all. I sympathise with the concern of the Ulster Chemists' Association (p. 524) in the matter of processing charges, but commercial processing is a precarious livelihood.

LOCAL OFFICERS

PHARMACEUTICAL SOCIETY

East Kent.—*Chairman*, J. L. D. Bartlett; *Vice-chairman*, W. E. Mather; *Secretary and Treasurer*, S. G. Willey, 1 Pavilion Mansions, Tankerton, Kent.

Reigate and Redhill.—*Chairman*, F. Connolly; *Vice-chairman*, G. T. Johnson; *Treasurer*, D. M. Stonnard; *Secretary*, T. S. E. Powell; Crosslands Road, Redhill.

PHARMACEUTICAL SOCIETY AND ASSOCIATIONS

South-east Metropolitan Branch and Association.—*Chairman*, A. E. S. Hull; *Vice-chairman*, F. J. Brean; *Treasurer*, Mrs. J. E. Hook; *Secretary and Junior Vice-chairman*, W. A. Howard, 185 Torridon Road, Catford, S.E.6 (business); 30 Bargery Road, Catford, S.E.6 (private); *Social Secretary*, J. V. Mitchell.

South-west Metropolitan Branch and S.W. London Chemists' Association.—*Chairman*, Miss C. E. Mozley-Stark; *Vice-chairmen*, A. F. W. Pollard, T. E. Riddle; *Treasurer*, J. V. Warburton; *Social Secretary*, M. Lewis; *Secretary*, H. R. Edgecombe, 77A Atlantic Road, London, S.W.9.

NATIONAL PHARMACEUTICAL UNION

South-west Metropolitan.—*Chairman*, M. Lewis; other officers as South-west Metropolitan Branch and Association.

PHARMACEUTICAL COMMITTEE

Kent and Canterbury.—*Chairman*, A. Howells; *Vice-chairman*, E. W. Sterry.

SPORT

GOLF.—**EDINBURGH CHEMISTS' GOLF CLUB**, at Dalmahoy, recently. *Captain's prize*, 1, M. Rainy Brown (8), 77 (also best scratch score); *No. one section*, 1, W. S. Thomson (9), 79; 2, J. Ferguson (12), 79; 3, R. R. Jeffrey (14), 79; *No. two section*, 1, J. White (22), 83; 2, J. F. Robertson (24), 85.

ULSTER CHEMISTS' GOLFING ASSOCIATION, at Clondeboy golf club on May 14. G. P. Taylor defeated H. McCafferty in the final, 4 and 3; *best gross*, J. Fitzsimons; *afternoon competition*, 1, J. McErlcan; 2, T. W. Currie.

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, at Woodcote Park, on May 14. Fifty members and visitors attended. *Widocks memorial trophy*, 1, R. Healey, Langley Park, 38; 2, A. M. Barnetson, Mitcham, 33; *Bobby Locke trophy* (eighteen and over handicaps), 1, M. Bloodworth, Walton Heath, 30; *Visitors' prizes*, 1, M. McCulloch, Coulsdon Court, 36; 2, J. F. Miller, Sundridge Park, 32.

IRISH CHEMISTS' GOLFING SOCIETY, at Thurles golf club recently. Prizes presented by St. Dalmas (Ireland), Ltd., and Coty (England), Ltd. *Eighteen holes strokes*, 1, W. F. M. Keys (20), 67; 2, E. J. Connolly (11), 68; *eighteen holes bogey*, 1, A. C. Hennessy (9), 3 up; 2, N. Mocklor (8), 1 up; *best first nine*, D. Sammon, 32½; *best second nine*, J. Hegarty, 34. The annual outing takes place to Lahinch, June 9-11. Members should make reservations with Mr. J. T. Foley (secretary). On June 8 an eighteen-hole competition is being held for prizes presented by Imperial Chemical Industries, Ltd.

SCOTTISH CHEMISTS' GOLF ASSOCIATION, at Gleneagles, on May 14. *Travellers' trophy*, 1, D. W. Foster; 2, J. Thomson; 3, A. B. Hawkins; 4, J. Johnstone; *Gibbs' trophy* (zone 2), 1, J. Thomson; 2, H. M. Nicholson; 3, A. B. Hawkins; 4, J. Johnstone; *Runners-up, zone 3*, 1, D. W. Foster; 2, A. R. Esplin; 3, I. Downie; 4, W. Davidson; *John Greig bogey prize*, 1, H. M. Nicholson; 2, G. G. Gibbs; *bogey prize* (Queen's), 1, M. S. McConnachie; *Duncan, Flockhart scratch prize*, 1, F. Adamson; 2, K. McKenzie; *Johnson & Johnson veterans' trophy*, 1, J. Tulloch; *Ucal prize*, 1, M. Strang; 2, W. Hall; *A. H. Cox silver salver*, 1, J. Goodchild; 2, J. Downie; 3, H. B. Ness; 4, J. S. F. Graham; *Pinkerton Gibson prizes*, 1, J. Carmichael; 2, W. C. D. Bain; 3, J. A. Young; *Aikit stableford* (retail), M. McEhan; (wholesale), G. Cardno; *Wholesale Houses trophy*, 1, J. M. Shields; 2, J. Drysdale; 3, J. G. Croy.

IRISH NEWS

THE NORTH

A Question of Accuracy

HOW MUCH IN A TEASPOON?

IN the Northern Ireland House of Commons on May 13, Mr. D. Bleakley asked the Minister of Home Affairs if he could state whether he was prepared to consult with the appropriate authorities in an attempt to introduce more accurate measures than "tablespoons" and "teaspoons" on medical prescriptions, in view of the fact that even a slight overdose of some modern drugs could be dangerous. The Minister (Mr. W. W. B. Topping) replied that, when a doctor wrote a prescription for a fluid mixture, he gave dosage instructions in the form of symbols that meant dr. 1 and ½ oz. and were interpreted by the dispenser into one teaspoonful and one tablespoonful. That, so far as his information went, had never given rise to any serious difficulty. The average teaspoonful nowadays held less than dr. 1, and the average tablespoonful less than ½ oz., so that the danger of an overdose by using "spoonfuls" was practically non-existent. Mr. Topping said the only alternative to the traditional use of a teaspoonful or a tablespoonful would be for every patient to have a measured medicine glass. That would add considerably to prescribing costs, and it would be just as easy to exceed the stated dose in a measuring glass as by using a spoon.

Health Services

ESTIMATES OF COST FOR 1957-58

ESTIMATES of the Ministry of Health and Local Government which were tabled in the Northern Ireland House of Commons on May 6 show that general health services are expected to cost £16,013,100 (net) in 1958-59. That is an increase of £307,200 over the estimate for 1957-58 (£15,705,900). The estimate for general medical services is £2,019,000 (£2,025,500) and pharmaceutical services are expected to cost £2,178,500 (£2,164,000).

THE REPUBLIC

Pharmacy Act Fines

POISON SOLD BY UNQUALIFIED PERSON

AT Cork district court, recently, Margaret McSweeney, 56 Oliver Plunkett Street, Cork, was prosecuted by the Pharmaceutical Society of Ireland for selling poison in a container not labelled with the name and address of the seller, and also selling it by an unqualified person. Mr. John Gaynor (solicitor) appeared for the Society. Mrs. Miriam Studington (an inspector of the Society) gave evidence of purchasing Metatone, Alophen and a solution of Sulphamezathine from a lady who said she was a pharmaceutical chemist. When asked for her name the lady declined to give it. The witness then called in a Civic Guard, who identified the lady behind the counter as Margaret McSweeney. Mr. James G. Coleman (registrar of the Society) stated in evidence that he had sent a statutory letter to McSweeney's Chem-

ists, 46 Oliver Plunkett Street, Cork, and also to 56 Oliver Plunkett Street, Cork. Each had been returned signed Mary McSweeney, M.P.S.I., as proprietor. When proceedings were instituted against Mary McSweeney she had refused to accept the summons, stating that the business at 46 Oliver Plunkett Street belonged to her sister Margaret. Mary McSweeney, said the registrar, was a pharmaceutical chemist, but her sister Margaret was not. Margaret McSweeney was on the register of pharmaceutical assistants. In evidence, Margaret McSweeney admitted that she had, with her sister's consent, signed her sister's name to the statutory letter. She had copied her sister's labels when she commenced business, as they both had the same initials. Cross-examined by Mr. Gaynor she said she had no intention of deceiving the public—that she employed qualified chemists and did not think it made any difference. When Mr. Gaynor asked if she were aware that she was not entitled to keep open shop, and that her use of her sister's name was clearly a device to avoid prosecution, Miss McSweeney said she thought she was entitled to conduct a pharmacy with the aid of qualified pharmacists, as she was a qualified assistant. The justice declined to accept Miss McSweeney's explanation and convicted on both summonses. He imposed a fine of 10s. on the first, and of £5 on the second, plus £3 3s. costs and £6 6s. expenses.

FAILURE TO REGISTER POISONS SALES

AT Tramore district court on May 13, Mr. Philip J. Fox, L.P.S.I., was summoned at the instance of the Pharmaceutical Society of Ireland for having sold arsenic (in Cooper's sheep dip) and strychnine (in Kil-Cro) to a person unknown, and also with failing to enter the sales in his poisons register. An Inspector of the Society gave evidence of having visited Mr. Fox's pharmacy in Tramore. He was served by an elderly woman, who said that the assistant was out with the 'flu. She took the Kil-Cro and sheep dip from a shelf, and Mr. Fox then arrived, wrapped them up and completed the sale. About five minutes later, the inspector went on, he returned and asked to see the proprietor, and the elderly woman said that Mr. Fox had just left for Waterford. When Dr. Counihan, solicitor, appearing for Mr. Fox, made the submission that the inspector in that case had acted as an *agent provocateur*, the justice said he could not accept such a contention, since Mr. Fox himself had actually completed the sale and wrapped the goods up. He imposed fines of £4 on the first summons and £2 on the second, and allowed the Society £10 9s. for costs and expenses.

IRISH BREVITIES

THE NORTH

IN connection with its scheme of training in cosmetics, Ulster Chemists' Association has organised a lecture by Dr. J. Martin Beare (dermatologist, Royal Victoria Hospital) at the lecture theatre, Institute for Clinical Science, Royal Victoria Hospital, Belfast, at 8 p.m., on May 27. Pharmacists and assistants are invited to attend.

EXPANDING COSMETICS MARKET

Conclusions of "Woman's" 1957 survey

BRITISH women are becoming more beauty-conscious and provide a growing market for a wide variety of cosmetics. That is the main conclusion to be drawn from a report on cosmetics, just issued by *Woman* to manufacturers and advertising agents. It contains the results of a survey made by the Odhams Press research department in August and September 1957 and based on a nation-wide quota sample of 4,227 interviews with women between the ages of sixteen and sixty-four. Comparisons are made with a previous survey, using the same definitions and questioning technique, undertaken in 1955.

For sixteen of the thirty-one types of cosmetic product included in both reports, the number of users increased during the two years between the surveys. Only one type of product, powder shampoo, shows any appreciable fall in usage; and that is more than offset by the growing popularity of other forms of shampoo. In 1955 nearly one woman in three used powder shampoo; by 1957 only just over one in five. Liquid or lotion shampoos, used by just half the women in 1955, were used by nearly two-thirds in 1957. Users of cream shampoos increased from 9 to 14 per cent.

Focus on Eye Beauty

The sections of the report dealing with eye shadow, mascara and eyebrow pencil suggest that women are paying much more attention to their eyes. The number of women using eye-shadow doubled in two years—from one in twenty to one in ten. Mascara-users show a 25 per cent. increase and, in 1957, included nearly one woman in six. The use of eyebrow pencil increased by 75 per cent. to almost one woman in seven. Other significant increases were for nail varnish (from 25 to 30 per cent.), liquid make-up (from 8 to 12 per cent.) and skin food (from 25 to 29 per cent.).

(Note: At the end of this summary is a table showing the percentages of women using the various cosmetics covered by the report.)

A section of the report dealing with permanent waves states that rather more than three women in five have at least one "perm" a year, done either professionally or at home. Only a small increase (from 61 to 63 per cent.) took place in the two years between the surveys. Of importance for the future of the cosmetics market, is the fact that girls in their late 'teens and early twenties make more use of most cosmetics than women in the older age-groups.

Every woman interviewed was asked, for each product she said she used, what brand she last used. Tables, based on the replies, show the relative strengths of the different brands in each field. Between the 1955 and 1957 surveys some of the most important changes in brand positions took place in the market for hair preparations, and especially in the shampoo field. Vaseline was the leading brand among

powder shampoos, with 37 per cent. of the purchases according to the 1957 survey. Silvikrin (19 per cent.) and Vaseline (15 per cent.) led the liquid and lotion shampoos, but the newly-marketed Loxene had won a 7 per cent. share. Silvikrin was also the leading cream shampoo, purchases having risen from 10 to 20 per cent., while Gibbs' Sunsilk, starting from "scratch," had won itself 9 per cent. and Richard Hudnut had advanced from 1 to 7 per cent.

Powerful Newcomers

Vitapointe (advancing from 1 to 29 per cent.) was shown to be the leading dressing for hair. Among tinting and dyeing lotions two newly-marketed brands—Color-glo, top of the list with 26 per cent., and Harmony, with 11 per cent.—had quickly captured substantial shares of the market. Between 1955 and 1957, Toni became the leading brand of home "perm" with 23 per cent. but was closely followed by Twink (21 per cent.), Prom (19 per cent.), and Richard Hudnut (18 per cent.). Cutex was the dominant brand among a whole group of related products—nail varnish, varnish remover, cuticle cream, cuticle remover and nail pencil—and also successfully entered the lipstick field, capturing 4 per cent. of the market since the 1955 survey.

Nivea all-purpose cream emerged as leader in three fields—hand cream and lotion (22 per cent. of purchases), foundation and vanishing cream (26 per cent.) and skin food (60 per cent.)—as well as coming second, with 29 per cent., to Ponds (30 per cent.) among cleansing and cold creams. Five of Max Factor's products were clear leaders in their fields—face powder (46 per cent.), cake make-up (88 per cent.), liquid make-up (28 per cent., advancing from 5 per cent. in 1955), cream make-up (87 per cent.) and lipstick (27 per cent.). Two others shared top position—Max Factor eye-shadow with Outdoor Girl (each 22 per cent.) and astringent with Yardley (each 14 per cent.). Outdoor Girl was the most popular brand of mascara (40 per cent.) and of eyebrow pencil (22 per cent.).

Figures showing the use of the vari-

ous products and brands are broken down according to age-group, social class, marital status, geographical area, colour of hair, and type of hair or skin as classified by the women themselves. One of the many interesting pieces of information to be extracted from all these statistics is that blondes are the most beauty-conscious of all women. In proportion to their numbers they are bigger users of nearly every form of cosmetic than brunettes or brownettes.

The following table shows the percentage of women (between sixteen and sixty-four years of age) who said they used the various forms of cosmetics covered by the report:—

Type of preparation	1957	1955
<i>Hair</i>		
Powder or leaf shampoo	21	31
Liquid or lotion shampoo	63	50
Cream shampoo	14	9
Setting lotion	30	28
Dressing for the hair	23	21
Hair conditioner	8	8
Tinting and dyeing lotion	9	9
Bleaching lotion	2	2
Depilatories	7	†
<i>Hand</i>		
Nail varnish	30	25
Varnish remover	24	20
Cuticle cream	4	4
Cuticle remover	6	5
Nail pencil	3	3
Hand cream and lotion	75	75
Barrier cream	7	7
<i>Face make-up</i>		
Foundation and vanishing cream	57	60
Face powder	82	81
Cake make-up	2	3
Liquid make-up	12	8
Cream make-up	6	6
Lipstick	80	76
Rouge	17	20
Eye shadow	10	5
Mascara	16	12
Eyebrow pencil	14	8
<i>Others</i>		
Cleansing or cold cream	38	38
Cleansing milk or lotion	8	6
Skin food	29	25
Face pack	8	8
Astringent	4	4
Calamine lotion	10	9
Deodorants	32	†

† Not included in 1955 survey.

ROYAL SOCIETY

Research exhibits at conversazione

AT a conversazione organised by, and held at the headquarters of, the Royal Society on May 15, techniques adopted and apparatus used by Fellows in the course of their researches was on view. The conversaciones of the Society have been a feature now for more than a century. This year's demonstrations numbered twenty-six, and subjects ranged over a number of sciences. Of historical interest were a series of early, high-speed cine cameras on loan from the Science Museum, South Kensington. Matters that have been the subject of Fellows' research ranged from virus research, to studies of potato blight, and the brains of dinosaurs.

The National Institute for Medical Research provided an exhibit dealing

with a recently discovered viral inhibitor called interferon, which has been described as "a research tool with particular value to the study of viruses," though its unusual properties may suggest its eventual exploitation in human medicine. Understood to be a protein, the substance is active against a number of viruses, both *in vivo* and *in vitro*, and has a low toxicity. It is produced by inoculating chorio-allantoic membrane with an influenza virus inactivated by ultra-violet light. After two to three hours at 37° C., the inoculated material is removed, and the membranes are incubated overnight in salt solution. Interferon occurs in the solution, which is then concentrated. The substance is stable over a wide pH

range, and may be stored at a temperature of 2° C. for several weeks, but temperatures above 60° C. destroy the material. Observations upon its activity have shown that its presence interferes with the growth of other viruses, and on that fact its assay is based, the potency of a sample being expressed in terms of its ability to inhibit the growth of influenza and related viruses in chick tissue. Tenfold concentration gives a potency against vaccinia and cow pox sufficient to retard growth completely. Vaccination nodules do not occur on rabbit skin after the animal has received vaccinia and fibroma viruses. It was emphasised at the conversazione much more research is demanded but laboratory-scale production does not represent a difficulty in providing material for investigation.

Botanical Research

The research institute of plant physiology, Imperial College of Science and Technology, provided a plant (*nicotiana* var., white burley) and apparatus to illustrate the technique involved in studies of plant biosynthesis using radioactive carbon. Radioactive carbon C¹⁴ is provided in the form of ¹⁴CO₂, and a leaf is exposed to the gas for a few hours in sunlight. Translocation of the products of biosynthesis is detected by means of a Geiger counter, and a permanent record of the effect of specified conditions in experimental work is obtained by the use of x-ray film.

The application of research to the preservation of wood was the subject of a display from the botany department, Leeds University, in collaboration with the technical staff of Hickson's Timber Impregnation Co. (G.B.), Ltd., Castleford. A copper-chrome-arsenate complex marketed under the name Tanalith C may be applied so as to give even distribution of the complex throughout the treated wood, and not simply in the surface layers. Wood requiring treatment is placed in a container, which is then exhausted of air. A solution of the preservative, introduced to cover it completely is then forced into the timber under pressure. It had previously been considered that, following the drying process, crystals were deposited on the inside of the microfibrils of the wood. Investigations made use of the electron microscope and involved new techniques. Photographic enlargements were displayed showing the linear surfaces of the cells coated evenly with microcrystals of the preservative. Replication of surface characteristics in the course of the work required a technique that borrowed from the everyday plaster-of-Paris method of duplicating footprints. The cut wood surface was coated with plastic, which was allowed to harden and then removed. The plastic negative so obtained was coated with a thin deposit of carbon, after which the original plastic was removed to provide a replica, down to the finest detail, of the original.

Potato Blight

The plant pathology laboratory, Ministry of Agriculture, has been investigating the apparently random incidence of potato blight. Fungus spores attack the foliage, and the attack can only be

prevented by timely spraying. Observations upon climatic conditions at the time of outbreak have suggested that spore distribution is favoured by (1) relative humidity levels of not less than 75 per cent. and (2) forty-eight hours of consistent temperature at a level not less than 50° F. That preliminary observation in 1950 has prompted detailed records of local climatic conditions over a period of years, and recordings of the outbreak of the disease in potato crops in those areas. The comparative accuracy of weather forecasting now permits warnings to be issued ten to fourteen days prior to a possible outbreak. Oxford University department of botany contributed wire and plastic models (representing a 60,000 magnification) of cell division and the influence of molecular structure upon chromosome shape. Modification of shape can be caused by nucleic-acid starvation of the genes. The influence of irradiation, dosage being such that fragmentation of the chromosomes is not too severe, allows the broken structure to reunite, possibly into a new shape, thereby producing

hybrids. Artificial acceleration of evolutionary change in plants and animals is therefore possible and feasible also in man. Simple experiments upon in-breeding have demonstrated and confirmed the Mendelian principle that to in-breed hybrids tends to emphasise the creation of homozygous progeny. Cockroach populations isolated by natural circumstances have demonstrated a natural selection, in apparent contradiction of the Mendelian principle, an observation paralleling earlier findings on plants. Investigations at the Radcliffe Infirmary, Oxford, into the production site of renin (a blood-pressure factor) required a rapid separation method to detach the kidney glomeruli from other kidney tissue. The method adopted was simple in principle. Magnetic iron oxide was introduced into the glomeruli and the whole kidney sieved. The tissue particles, after suspension in salt solution, was allowed to flow past a magnet in a suitable container. The glomeruli attracted to the magnet were thus separated, the renin-synthesising tissue identified, and its site in the kidney determined.

COMPANY NEWS

Previous year's figures in parentheses

JOHN DALE, LTD.—The approval of ordinary shareholders is being sought to increase the authorised capital from £800,000 to £1.3 millions.

LEWIS & BURROWS, LTD.—No dividend for year ended September 30, 1957, is recommended (against 10 per cent.). Group net profit £13,775 (£14,585) after tax of £13,775 (£18,280), etc. To general reserve, £3,000 (nil), fee for valuation of properties, £1,050 (nil), staff retirement contingencies, nil (£1,500), forward £22,965 (£15,937).

VENESTA, LTD.—Reports that a bid is about to be made for the Ordinary shares of the company are denied by the board who state that no offer or approach of any kind has been made to them, nor have they any reason to expect one.

GREEFF - CHEMICALS HOLDINGS, LTD.—A final dividend of 11 per cent. is announced together with a 4 per cent. bonus on £550,000 Ordinary for 1957. A 5 per cent. interim was paid on £500,000. (The 1956 total was 16 per cent. on the smaller capital.) Group profits expanded from £128,034 to £186,163. Tax absorbs £98,795 (£63,375), leaving a net profit of £87,368 (£64,659). Revenue reserves receive £5,000 more at £20,000.

EUCRYL, LTD.—Final dividend 6 per cent., making 10 per cent. for 1957 (same on smaller capital). Consolidated profit, £8,134 (£8,119), after tax of £3,924 (£6,967) and interest on loan stock, £3,000 (nil). Add special dividend from subsidiary out of profits of previous years, £3,453 (nil). Retained by subsidiaries, £8,236 (£32). Initial cost of marketing new product, nil (£5,082). Group forward £13,963 (£11,759).

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Manufacturing assets of the company have been revalued as a result of which their net book value at January 1 is increased by £70 mil-

lions to £396 millions. The chairman (Sir Alexander Fleck) in the course of his address to shareholders on May 15 said that there was a steady change in the pattern of the company's operations, and a large proportion of turnover and profit came from new products. Products which were not manufactured before the 1939-45 war accounted for a quarter of home sales and a third of export sales. The chairman finds it even more difficult than usual to foresee how 1958 will turn out for the group. Demand has weakened in some overseas markets and in some sections of the home market. Nevertheless, "for the first few months of 1958 home sales turnover has not been unsatisfactory," states Sir Alexander, while in the group's export markets "sales are running reasonably close to last year's."

BOOTS PURE DRUG CO., LTD. Subject to audit group profits for year ended March 31 are £5,178,510 (against £4,553,998) before tax of £3,013,667 (£2,643,671), but after providing £576,875 (£312,379) for depreciation of properties. The 1957 figures have been adjusted to show the amounts appropriated to freehold property reserve as a charge against profits. A year ago previous year's profits of £135,869 were added. There is £2,095,176 (£1,990,828) attributable to the holding company and the parent net profit is £1,961,394 (£1,854,377). Ordinary dividend recommended is 18 per cent. (14 per cent.). The staff bonus will be three weeks' salary for those with more than thirty years' service, two weeks' salary for more than twenty years and one week in other cases. Subject to C.I.C. consent the directors propose issuing 10,240,000 Ordinary shares of 5s. in the proportion of one new share for every four existing shares by capitalising reserves to the extent of £2,560,000. The scrip issue carries no implications as regards future dividends, say the directors.

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY

DURING debate on the committee stage of the Finance Bill on May 19, MRS. J. MANN said the advertisements for cosmetics sometimes showed expensive cosmetics which were said to contain lanolin. She could buy lanolin for eightpence a small bottle. Another advertisement said that a cosmetic contained an astringent. Anyone could buy an astringent, pure witch hazel, at elevenpence a bottle. The reduction in cosmetics should not be in purchase tax but should be made by the manufacturers who were taking advantage of a great many innocent women.

SIR ARTHUR HARVEY said the cosmetics industry was thriving and had a very good export trade. He could not see why soaps and shampoos were taxed at 30 per cent. Surely the tax ought to be taken off these things completely.

MR. HEATHCOAT AMORY (Chancellor of the Exchequer) replying, said that whether cosmetics were a necessity was a difficult question. As for passing on the reduction, he could not believe that a distributor who sought to exploit his position unfairly would find that he did so to his long-term advantage. He hoped that in future there would be opportunities for making some further progress towards achieving a tax which would spread over a wide range at a moderate rate.

MR. G. D. N. NABARRO proposed a flat rate of purchase tax of 15 per cent. over the present field.

On May 15 MR. J. RANKIN asked the Home Secretary if he had now received a report from the Poisons Board in regard to Persomnia.

MR. R. A. BUTLER: No. This matter will be further considered by the Poisons Board at its next meeting in June.

Tax Relief Sought for Medicines

The Finance Bill was further considered in committee on May 20. On the First Schedule (Rates of Purchase Tax), MR. G. D. NABARRO moved an amendment to reduce from 30 per cent. to 15 per cent. the tax on proprietary drugs and medicines. He said that only a small part of the drugs and medicines which bore purchase tax came within the ambit of those prescribed under the health service.

He claimed that drugs and medicines were not suitable subjects for purchase tax, as they were essential commodities and could reasonably be compared with foodstuffs. To tax them was to place a direct tax on the promotion of good health or the avoidance of illness. The time had come to consider the abolition of this unsatisfactory state of affairs, or, as his amendment proposed, to go half way this year. The application of the tax was inimical to the interests of the Government and the public. Self-medication in minor ailments was something which every member ought to support. If everyone who had a minor cut, burn or ailment resorted to the health service the doctors' surgeries would be cluttered.

DR. BARNETT STROSS said he thought

there was a case for taxing substances which were freely advertised to the public and which were exactly the same—apart from their name—as those which could be obtained on prescription tax free. It would be difficult to deny the right to the Treasury to tax such substances. There were, however, a host of anomalies. Among such anomalies were charges on worm cakes, medicated plasters and preparations for clearing up head infestations! There were also about 350-450 so-called symbol drugs chargeable.

SIR HUGH Linstead said that, roughly speaking, the public did not pay purchase tax on any medicines supplied through the National Health Service, or on those medicines supplied privately on prescription, where the patient paid for the prescription. Nevertheless, purchase tax was still paid by the public on the general run of proprietary medicines bought over the chemists' or the grocers' counter. Drugs and medicines were not a suitable item for taxation. "Traditionally," continued Sir Hugh, "we have taxed medicines for a couple of hundred years, but the original tax was only on the secret medicine. If a manufacturer kept his formula secret, he had to pay a tax. That dates back to the eighteenth century. Now that, by law, the contents of every medicine must be disclosed on the label, I would have said that that tax—which, after all, is a tax on ill-health—is something that is very difficult to justify."

MRS. E. L. WHITE: It is possible to obtain the therapeutic substances contained in these proprietary medicines by asking one's chemist to give one the preparation concerned. If a person is in any doubt, he should go to an intelligent and honest chemist and ask him for whatever he wants. Why should one support firms that make large profits out of the gullible public by clever advertising and by selling preparations which do them no more good and, one trusts, no more harm than similar preparations which can be obtained without all this paraphernalia of advertising, and so on?

SIR PETER AGNEW said the terms "drugs" and "medicines" were not restricted to those for human consumption and a reduction of purchase tax on veterinary drugs and medicines would be a definite way of assisting small farmers at a time when they were not able to make great profits.

MR. J. E. SIMON (Financial Secretary, Treasury), said that the revenue from the group including drugs and medicines was £11 millions. If the aim was to approach a uniform tax on a wide range of goods, they ought to consider carefully before starting to erode the width of the base of the tax. That was Mr. Nabarro's proposal. The tax combined the need to reconcile the principles that it was a revenue raiser, and that nothing should be done to prevent any patient from receiving any proper medication. The way the latter was achieved was by the exemptions, which included essential drugs needed in vet-

erinary practice. Anyone who needed drugs and medicine got them free, yet there was a large residual expenditure on these commodities which was properly the subject of taxation, and which resulted in a large revenue that could not be forgone at the moment.

On a vote the amendment was rejected.

LEGAL REPORT

Forged Prescription

AT Stratford-on-Avon magistrates' court on May 7, Joyce Margaret Winfield (also known as Mrs. Trump) was accused of attempting to obtain Dexedrine by using a forged prescription. Pleading guilty and admitting stealing a pad of National Health prescription forms, Winfield told the magistrates "I have been receiving Dexedrine on my doctor's prescription for some time and I suddenly realised I couldn't do without it." A detective said that, on April 25, the accused sent her small son to a Stratford chemist's shop with a prescription for Dexedrine. The chemist (Mr. A. E. Brownlow) realised that the signature on the prescription was false. He telephoned the doctor and found that on the date the prescription had been made out the doctor was on holiday. Defendant's son was told to return later for the prescription but defendant appeared herself and asked for the shilling back. It was returned, but when defendant asked for the prescription form as well, the chemist refused and informed the police. Defendant was questioned at her home and admitted the offence. In a written statement she said she had taken the prescription pad from her doctor's surgery while the receptionist had her back turned. She had no previous convictions. A probation officer told the magistrates that defendant would need some help to overcome the habit. She was fined £2 for stealing the prescription pad and placed on probation for a year on the other charge.

BUSINESS CHANGES

BRITISH CELLOPHANE, LTD., are moving into new London offices at Henrietta House, 9 Henrietta Place, London, W.1 (telephone: Museum 8311), on July 14.

Appointments

SMITH & NEPHEW ASSOCIATED COMPANIES, LTD., have appointed Mr. K. R. Kemp secretary of the company.

EVANS MEDICAL SUPPLIES, LTD., Speke, Liverpool, have appointed Mr. D. A. Wren manager of their bottle cleansing and returns department.

OVERSEAS VISIT

MR. J. F. BYRNE (Paines & Byrne, Ltd.), left London on May 20 for a brief tour of Egypt, which he has undertaken with the object of re-establishing the company's export trade with that country.

PERSONALITIES

MR. JOHN P. KISSANE (a member of the Council of the Pharmaceutical Society of Ireland) has been elected a member of Dun Laoghaire chamber of commerce.

MR. H. WILLIAMS, M.P.S., 107 Wokingham Road, Reading, Berks, was elected to Reading borough council in the recent local elections. He was also recently made president of Reading Welsh Society.

COUNCILLOR GEORGE HEDDERWICK, M.P.S., 54 Blackfriars Street, Edinburgh, 1, was re-elected to Edinburgh town council at the recent elections and has been appointed to the health committee. He has also been appointed by the Secretary of State for Scotland a member of the South-eastern Scottish Regional Hospital Board.

MR. JOHN GORDON, M.P.S.N.I., who was co-opted to the Council of the Pharmaceutical Society of Northern Ireland



to fill the vacancy caused by the death of Mr. John McGregor (see *C. & D.*, March 1, p. 232) qualified in 1947. He served an apprenticeship with Messrs. C. & J. Montgomery, Royal Avenue, Belfast,

later joined the staff of John Clarke & Co., Ltd., Belfast, and is now proprietor of Bradbury Surgical Suppliers, Great Victoria Street, Belfast.

MR. DIARMAID MOORE, M.P.S.N.I., who was co-opted to the Council of the Pharmaceutical Society of Northern Ireland



to fill the vacancy caused by the death of Mr. Charles Moss (see *C. & D.*, April 19, p. 433), qualified in 1940. He served his apprenticeship with Mr. J. Doris, Downpatrick. Later he went into business on his own account at

Rathfriland, co. Down, and after seven years there he transferred his interests to Downpatrick in 1952. He is a member of Ulster Chemists' Association and has been treasurer of East Down Chemists' Association since its inception three years ago.

DR. A. H. BECKETT (reader in pharmaceutical chemistry, school of pharmacy, Chelsea College of Science and Technology) has been invited to be a speaker at the sixth national medicinal chemistry symposium of the American Chemical Society being held from June 23-25 at Madison, Wisconsin. He is to speak on "Stereo-

chemical and Biochemical Considerations in the Approach to Drug Design." He is also to be a speaker at the American Association of Pharmacy Teachers' Seminar on Pharmaceutical Chemistry to be held in Minneapolis, Minnesota, from July 13-18.

DEATHS

BRAMWELL. — On May 7, Major Frank H. Bramwell, B.Sc., M.I.Chem.E. Major Bramwell joined the board of directors of The Power-Gas Corporation, Ltd., and Ashmore, Benson, Pease & Company, Ltd., in April 1949. He spent most of his working life with Imperial Chemical Industries, Ltd., the latter part as chief engineer of their general chemicals division.

BURDEKIN. — On March 19, Mr. Thomas Frederick Burdekin, M.P.S., 27 Tewkesbury Avenue, Blackpool, S.S., Lancs. Mr. Burdekin qualified in 1914.

CURSON. — In March, Mr. Robert Edgar Curson, M.P.S., c/o 46 Fleet Street, Torquay, Devon. Mr. Curson qualified in 1933.

DUNCAN. — Recently, Mr. Charles Duncan, M.P.S., 10 Rosewood Terrace, Westpark Road, Dundee, aged seventy-eight. From 1911 to 1955 Mr. Duncan was in business at 56 Nethergate, Dundee, as Charles Kerr (whom he succeeded). He completed fifty years' membership of the Pharmaceutical Society two years ago, and survived his wife by only a few weeks.

HEPBURN. — At 14 High Street, Newarthill, Motherwell, on May 4, Mrs. Janet H. Hepburn, wife of Mr. Charles T. Hepburn, M.P.S.

MURRY. — In Fulham Hospital, on April 30, Mrs. Edith L. Murry, for many years secretary to the Council of the Guild of Public Pharmacists.

PURCELL. — On April 10, Mr. Alfred Rendal Purcell, M.P.S., 9 May Hill, Ramsey, Isle of Man. Mr. Purcell qualified in 1916.

ROSS. — Recently, Mr. Andrew Calderwood Ross, M.P.S., Bearsted, Mousehole Lane, Bitterne Park, Southampton. Mr. Ross qualified in 1934.

SMITH. — On April 29, Mr. Walter Lewis Smith, M.P.S., 1098 Warwick Road, Acock's Green, Birmingham, aged sixty-four.

THWAITES. — Recently, Mr. Marmaduke Thwaites, M.P.S., 39B Fartown, Pudsey, Leeds. Mr. Thwaites qualified in 1933.

INQUESTS

Tablets Put in Family's Charge. — At an inquest at Birkenhead recently on a widow (Mrs. S. J. Nenna, 53 Mason Avenue) who died suddenly at her home, a verdict of natural causes was recorded. Dr. Olive Mutch said at the inquest that she had treated Mrs. Nenna for anaemia and insomnia for which she prescribed sleeping tablets. She later came to the conclusion that Mrs. Nenna was exceeding the dosage, and although Mrs. Nenna denied taking too many, the doctor ordered that the tablets should be administered only by a member of the family. In September 1957 Mrs. Nenna had an operation and later returned home. On

January 8 she was called to the house and found Mrs. Nenna was dead. Knowing her history, she thought there was a possibility that death might have been due to an overdose of sleeping tablets. A Home Office pathologist said that certain organs had been examined but only slight traces of a drug had been found. Death was due, he said, to heart failure.

Baby Soothers Criticised. — Criticism of a certain type of dummy was made by the Bournemouth coroner, at an inquest on a three-month-old boy on April 21, who died after swallowing a rubber teat. "I am rather surprised that the manufacturers of these babies' dummies allow them to leave the factories in such a condition," he said. Pathologist, Dr. T. K. Owen, said he considered the use of those dummies "most unwise." A verdict of misadventure was recorded.

"Always Taking Aspirins." — A twenty-two-year-old agricultural student who suffered from headaches for which he was "always taking aspirin," was ruled to have killed himself with a large overdose of the drug when the inquest was held at Kingston-on-Thames, Surrey, recently, on Mr. Francis J. Coates, 17 Coombe Road, Malden. The amount of aspirin taken ruled out any possibility of accident, said the coroner. There was a history of previous disturbances of the mind. A verdict of suicide was recorded.

Injection Not The Cause of Death. — At a Southport, Lancs, inquest on January 30, Mrs. M. E. Ambler, 11 Arbour Street, was stated to have complained of not feeling well after being injected against Asian 'flu. She collapsed twice, then lost the use of her arms and legs, was taken to hospital, and there died. A pathologist said that in his opinion the injection had nothing to do with her death. The cause was toxæmia due to myocardial and generalised abscesses. He said: "I have made a thorough investigation of the vaccine and samples from the post-mortem examination were sent to the Virus Research Laboratory. The results were essentially negative, and in my opinion the injections had nothing to do with her death." The coroner returned a verdict of natural causes.

"Excessive Amount of Drugs." — A verdict of "suicide, while the balance of his mind was disturbed, through taking drugs to an excessive amount," was recorded by the Bolton county coroner at the inquest on Mr. Robert James McNeely, 16 Greenroyd Avenue, recently. Mrs. McNeely said her husband had suffered from stomach ulcers and had complained of noises in his head. He had been attending hospital for occupational therapy treatment for some time before his death. Doctors had told him that electrical treatment would do nothing to help the fits of depression in his case, and for the past four years he had been taking sleeping tablets on prescription regularly. A chemist at the North-west Forensic Science Laboratory, Preston, told the coroner that a total of 42 grains of amylal were found in the various organs, which was certainly considerably more than a normal medicinal dose.

NEW PRODUCTS AND PACKS

New Presentations.—Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, announce that they are now offering Stemetil brand prochlorperazine salts in two new forms for use in psychotic illnesses: as 25-mgm. tablets of the maleate, and as 2-c.c. ampoules of a 1.25 per cent. w/v solution of the methanesulphonate.

Tablets for Migraine Relief. — Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford, 7, are marketing a new speciality, Ribovin sugar-coated tablets for the relief of migraine. An initial dosage of one tablet three times daily is followed by a maintenance dosage of one tablet daily. The tablets, each containing 10 mgm. of riboflavin, are issued in containers of 100 and 1,000.

Antihistaminic and Antiallergic. — Imperial Chemical Industries, Ltd., pharmaceuticals division, Fulshaw Hall, Wilmslow, Ches., have added to their range of medical products a new speciality, Nilergex (10-(2-dimethylamino-propyl)-9-thia-1:10-diaza-anthracene) (isothipendyl). The new speciality is understood to possess powerful antihistaminic and antiallergic properties, coupled with remarkable freedom from side effects, particularly sedation. Nilergex is indicated in the symptomatic control of allergies such as hay fever, vasomotor rhinitis, allergic dermatoses, food allergies, insect bites and stings, and motion sickness. Not a scheduled poison, it is available in three dosage forms: 4-mgm. tablets for routine use; 12-mgm. sustained-action coated tablets (Nilergex S.A.); and, for paediatric use, a pleasantly flavoured syrup containing 2 mgm. of Nilergex in each teaspoonful.

Antiseptic First-aid Cream. — Johnson's first-aid cream, which combines in one preparation ingredients to fight infection, relieve pain and generally aid healing, is now available to the trade. Manufactured by Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks, the product is in an attractive, easy-to-handle polythene tube, which is unbreakable and retains its shape. Johnson's first-aid cream is an oil-in-water emulsion developed in the company's laboratories, and having as its active ingredients bithionol, 1 per cent.; eucalyptol, 0.05 per cent.; and benzyl alcohol, 2 per cent., in bland water-miscible base. The cream is understood to be specially suitable for the treatment of cuts, burns, scratches, grazes, insect bites and skin eruptions, and to have the advantages that it relieves pain from cuts, burns and bruises with a minimum of sensitivity; does not burn or sting on application to an open wound; causes no breakdown of the tissue around the wound; may be applied without risk of irritation; and is non-greasy, non-staining and easily rinsed away.

Disposable Face Mask. — For use in hospitals, clinics, laboratories, etc., where it is necessary to prevent the spread of droplet-borne infection from the respiratory tract, and where the wearer needs to be protected from infection whilst attending to patients or whilst handling infected materials, Robinson & Sons, Ltd., Wheat Bridge Mills, Chesterfield, have introduced a new disposable face mask for which patents have been sought. The design is registered. Bacteriological tests applied to the mask for a considerable period in hospital pathological laboratories and in a public health laboratory are understood to have shown that the masks are effective and efficient in use. They are comfortable and cool to wear and easy to fit, soft, braided elastic loops fitting over the ears. The masks may be sterilised before being put on. There are no laundering costs, as they are discarded after use. Risk of cross infection is thus virtually eliminated. The masks are packed in box of 1 gross and container of twenty-four 1-gross boxes.

Turkey Blackhead Antagonist. — Merck Sharp & Dohme, Ltd., Hoddeston, Herts., are launching early in June a new product Hepzide (nithiazide) elaborated in the company's laboratories and research farms for the prevention and treatment of blackhead in turkeys. The advantages claimed for Hepzide are that it combines high potency with a wide margin of safety. It is available in two forms. Hepzide soluble powder, 16.7 per cent., is intended for the treatment of outbreaks of blackhead in turkeys and chickens and of hexamitiasis in turkeys. The powder is being marketed in four- and twenty-sachet cartons (sufficient to medicate 4 and 20 gall. of water respectively). Its action is exceptionally rapid, and the length of treatment is only 2-6 days. Readily soluble in the drinking water, the powder is also palatable, thus ensuring that normal water consumption is maintained. The second

form of Hepzide, an insoluble premix, 20 per cent., is primarily intended for preventing blackhead by medicating the feed. Sales of that form are to be directed mainly to the feed-stuffs industry, but packs will also be available to retail chemists and agricultural merchants for sale direct to the farmer. The smaller pack, for farmers to mix-in on the farm, is sufficient to medicate one ton of feed at the preventive level of 0.015 per cent. Hepzide insoluble is, like the soluble powder, palatable, again promoting normal consumption of foods. The recommended level gives a high measure of protection against blackhead, while having no adverse effect upon the growth of young birds. The toxicity of Hepzide is so low that the birds may be given 300 times the normal daily intake without harmful effects. Stable both in the premix and in the finished feed, Hepzide insoluble does not interfere with other constituents such as vitamins, antibiotics, and growth stimulants. Neither form of Hepzide, it is claimed, affects the sexual maturity, etc., of adult birds.

Now Individually Packed. — Optrex eye compresses, manufactured by Optrex, Ltd., Wadsworth Road, Perivale,



Individual packs of Optrex eye compresses in display container of twenty-four.

Greenford, Middlesex, are now available singly (individually packed in printed foil envelope). They are supplied to the trade twenty-four envelopes to a display container.

Anti-methylamphetamine Barrier. — Rozalex, Ltd., Manchester, prepared a new barrier cream especially for workers in the alkaloid department of a firm of manufacturing chemists, and have made the product generally available. It became known that one of the causes of skin irritation in the workers (who were unable to use gloves because of handling difficulties) was methylamphetamine, and the barrier cream, No. 14, was formulated and adopted to deal with its risks. Another Rozalex barrier cream, No. 15, was developed in collaboration for the protection of workers making or handling sex hormones, because adverse effects had been observed, mainly among female workers, in departments where sex hormones were handled, in spite of the use of protective gloves, clothing, and masks, and in spite of enclosed operations, adequate ventilation, compulsory washing at frequent intervals and other precautionary measures. Reports on the use of Rozalex cream No. 15 during many months indicate that it has proved effective.



Johnson's new first-aid cream.

Anti-acne Preparations.—L. Leichner (London), Ltd., 30 Acre Lane, London, S.W.2, are marketing a new series of specialities, the Leichner anti-acne



series, comprising anti-acne facial pack, cream and lotion. A counter display box holds six facial packs, six anti-acne cream, and three anti-acne lotion. The preparations have been made to formulas given to the company by a leading dermatologist, and the preparations have been tried by a large number of girls and boys and found efficient and satisfactory.

Cream-powder "Bubble-pack." — Dixor, Ltd., St. Leonard's Works, Mortlake, London, S.W.14, have introduced a cream-powder refill in "bubble-pack," with puff. Suited to all plastic and metal compacts of standard size, the pack shows clearly the shade of the contents. The puff is separately displayed. The product is made in natural, peach, rachel and brunette shades.

Deodorant "on a Budget." — The latest product to join the "beauty-on-a-budget" series of products issued by Rimmel, Ltd., 146 New Bond Street, London, W.1, is a perfumed deodorant in easy-to-apply stick, which pushes up from the base of a polythene container to become ready for application. The deodorant is being made available to the trade on June 1.

Shampoo for Greasy Hair.—Cavalcade Beauty Preparations, Ltd., 9 Park Hill, London, S.W.4, announce that they are shortly introducing Hanri "sea-foam" shampoo for greasy hair. They state that many women find that, under constant fluorescent lighting, their hair becomes greasy. Independent tests, they claim, prove that "sea-foam" shampoo counteracts all types of greasiness. It becomes available in show boxes of 3 doz.

"Revolution" in Tooth-brushes. — What amounts to a revolution in the manufacture of tooth-brushes is being pioneered by Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks, the manufacturers who first introduced the Tek short-head tooth-brush. The tufts of the company's new Tek nylon brush are specially treated with a powerful bactericide so that, it is claimed, any germs

that may collect on the tufts, whether from the mouth or from the atmosphere, are killed off as the brush stands on the bathroom shelf. The treatment is applied to a wide range of nylon brushes including medium, hard and extra-hard textures, and short, long/oval and long/tufted shapes as well as the company's special "super-soft" tooth-brush. For ease of recognition, all Tek anti-germ tooth-brushes are marked with a star on the handle.

Uranium Industry Reagents. — The J. T. Baker Chemical Co., Phillipsburg, New Jersey, U.S.A., are offering through their agents in the United Kingdom—Omni (London), Ltd., 35 Dover Street, London, W.1—Aluminium nitrate, lithium fluoride and sodium fluoride in a special fluorimetric grade.

TRADE NOTES

Liabie to Purchase Tax.—Notification has been received by Riker Laboratories, Ltd., Morley Street, Loughborough, Leics, that their new product Ferroids is liable for purchase tax. The new prices are given on another page.

Appointed Distributors. — Townson & Mercer, Ltd., Croydon and Edinburgh, have been appointed official home-market distributors and stockists of the laboratory glassware manufactured by Quickfit & Quartz, Ltd., Stone, Staffs.

South African Visitors.—Messrs. D. J. Kinlay, M.P.S., and John Sieve, M.P.S., directors of South African Druggists, Ltd., are at present in England on a visit. They are shortly returning to South Africa but may be contacted meanwhile at Joseph, Bond & Jeans, Ltd., 79 Chiswell Street, London, E.C.1.

Carton Redesigned.—Radiol Chemicals, Ltd., 78 Upper Richmond Road, London, S.W.15, have redesigned the carton in which Radian-B aspirin spirit liniment is issued. Without departing too far from the traditional and "family" designs of the company's group of products, the carton has "a more contemporary" presentation in two shades of green and red.

Judging—But No Announcement.—The task of judging the first leg of the £19,000 four-in-one Kit-e-Kat contest organised by Petfoods, Ltd., Melton Mowbray, Leics, has been completed (the first of the four separate competitions closed on May 3). Entries exceeded expectations, according to an official of the company. There are three more competitions. Each is being judged separately, but winners' names are not being announced until after the judging of the last.

Name Change. — The Laboratories for Applied Biology, Ltd., 91 Amhurst Park, London, N.16, announce that their product Monphyto colourless paint for dermatophytoses has been renamed Monphytol, and that from June 1 the pack is limited to an 18-c.c. vial. A feature of the presentation of Monphytol is that each vial has a brush already fitted to the cap, thus making it easy for the patient to apply the preparation, whether for treatment or for prophylaxis.

Link Up in United States.—It was announced in New York recently that Lever Bros. Co., Inc., have acquired the exclusive use in the United States of the Air-Wick trade mark and the marketing rights of the Air-Wick odour counteractant products for household use. Airkem, Inc., will continue to manufacture all Airkem/Air-wick products in the United States and to distribute them in the industrial fields. The new agreement does not affect the existing marketing operations of Air-wick/Airkem products in the retail or industrial fields by Horlicks, Ltd., in England and the Commonwealth, nor in any way change the existing agreements with Airkem's present distributors abroad.

Bonus Offers

CAVALCADE BEAUTY PREPARATIONS, LTD., 9 Park Hill, London, S.W.4. Hanri "sea-foam" shampoo. Thirteen to doz. During June.

SMITH & NEPHEW, LTD., Welwyn Garden City, Herts. Elastoplast. Offer (see C. & D., April 5, p. 366) closes June 6.

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2. Acriflex. Twelve charged as eleven on order for 6 doz. assorted; twelve charged as ten on order for 12 doz. assorted.

Holiday Closings

THE normal Whitsun holiday for most manufacturers is from usual closing time on Friday, May 23, until usual time of opening on Tuesday, May 27. The following companies have notified special arrangements:—

GENATOSAN, LTD., Loughborough, Leics. Works closed also on Tuesday, May 27.

NORTHERN PHARMACEUTICALS, LTD., Bradford, 1. Closed mid-day Saturday to normal opening time on Wednesday, May 28. Staff on duty to deal with urgent orders, 9 a.m. to 12 noon, May 27.

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Skeleton staff available to deal with emergency orders, Saturday morning.

SMITH, KLINE & FRENCH LABORATORIES, LTD., Coldharbour Lane, London, S.E.5. Also closed for annual outing, Friday, May 30.

The following have notified that emergency supplies of their products may be obtained from John Bell & Croyden, 50 Wigmore Street, London, W.1:—BAYER PRODUCTS, LTD., Neville House, Eden Street, Kingston-on-Thames; DISTILLERS CO. (BIOCHEMICALS), LTD., Broadway House, Broadway, Wimbledon; HORLICKS, LTD., Slough, Bucks; MAY & BAKER, LTD., and PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex; SANDOZ PRODUCTS, LTD., 23 Great Castle Street, London, W.1; SMITH, KLINE & FRENCH LABORATORIES, LTD., Coldharbour Lane, London, S.E.5; PARKE, DAVIS & CO., LTD., Hounslow.

INFORMATION WANTED

The Editor would appreciate information about the following:

TRUITE inhaler (any subscriber having stocks of this now discontinued item)

PHARMACEUTICAL SOCIETY OF IRELAND

Monthly meeting of Council

A CHEQUE for £444. for the Benevolent Fund of the Pharmaceutical Society of Ireland was received by the Society's Council at its monthly meeting held in Dublin on May 13. Mr. M. Power (president) who was in the chair, described it as "a magnificent contribution." The cheque came from the Benevolent Fund dance committee as a result of its dance held in December 1957.

Also present at the meeting were Miss L. Cunniffe, Messrs. H. P. Corrigan (vice-president), M. Costello (treasurer), G. C. O'Neill, J. P. Kissane, V. McElwee, T. R. Miller, J. J. O'Regan, M. Broderick, A. A. Toher, F. J. Robinson, D. J. Kennelly, F. Loughman, T.D., K. Banks, and C. J. Cremen. Mr. J. G. Coleman, B.L. (registrar) was in attendance.

Arising out of the minutes of the April meeting THE REGISTRAR informed Mr. Miller that a letter had been sent to the Department of Health urging that the introduction of the new Pharmacy and Poisons legislation should be expedited. A formal acknowledgment had been received. Mr. Coleman's letter pointed out that nineteenth-century legislation was no longer adequate for dealing with twentieth-century pharmaceutical problems. The Society were faced this year with a deficit of the order of £1,500, hence the urgent necessity for a new Pharmacy Bill which would enable the Society to increase its income through retention fees. It was further indicated that the Society had to bear the cost of enforcing the Poisons Acts and Regulations, and of providing for the education of pharmacists without any contribution from the State. Mr. MILLER said that the registrar was to be congratulated on the drafting of the letter.

THE PRESIDENT reported that a meeting had been held of the committee appointed in connection with the creation of a Pharmaceutical Foundation Trust. A letter had been drafted for circulation to a number of firms.

Medicine in Mineral-water Bottles

A letter was read from the Soft Drink and Beer Bottlers' Association requesting pharmacists to refrain from supplying medicinal or other liquids in mineral-water bottles and urging the Council to publicise that request. MR. LOUGHMAN suggested that the Department of Health should be asked to send out a circular to dispensaries instructing them not to supply liquids in such containers. Those bottles were used much oftener than generally supposed. MR. KISSANE supported Deputy Loughman's suggestion, which the president said would be carried out.

Mr. Lionel O. Booth, T.D., wrote thanking the Council for their reply to his previous letter urging more control over the sale of tranquillisers (see *C. & D.*, April 19, p. 434).

Mrs. Eileen Keary (née O'Callaghan), L.P.S.I., and Mrs. Brigid I. Natin (née Hogan), L.P.S.I., who submitted marriage certificates were granted changes of names in the register.

The following were granted registration in the Pharmaceutical Assistants' Preliminary Register: Mary J. Egan, Dublin; Anne Mary Kiely, Beltra, co. Sligo; Majella Mulcahy, Dublin; Irene Brigid Ryder, Ballinrobe, co. Mayo. THE REGISTRAR said that those brought the total registered on the new Assistants' Register up to eleven, all women.

The registrar reported on the deaths of William J. Galbraith, M.P.S.I., Cornelius Crowley, M.P.S.I., Aeneas John Murray, M.P.S.I., and Frederick S. Westbury, M.P.S.I.

The following changes of address were notified:—

Miss Nora J. McCarthy, L.P.S.I., to 35 Rosmeeden Park, Dun Laoghaire, Dublin; Miss Una C. O'Connor, L.P.S.I., to 16 Kincora Avenue, Clontarf; Mrs. Brigid I. Natin (née Hogan), L.P.S.I., to The Diamond, Malahide, co. Dublin; Mrs. Ellen Keary (née O'Callaghan), L.P.S.I., to 33 Shanard Road, Santry, Dublin; Mr. T. F. X. Corbett, M.P.S.I., to Newmarket-on-

Fergus, co. Clare; Mr. Anthony C. Kiely, M.P.S.I., to Grange Cross, Ballyfermot, Dublin; Mr. Maurice J. Curran, R.D., to 23 Norfolk Road, Phibsboro; Mr. John J. Natin, L.P.S.I., to The Diamond, Malahide, co. Dublin.

Drs. Mary F. Heaslip, 6 Farleigh Place, Montenotte, Cork, and Brian F. Beveridge, 33 Belgrave Square, Rathmines, Dublin, who submitted L.A.H. certificates were granted registration as pharmaceutical chemists.

Hospital Pharmacists' Salaries

DEPUTY LOUGHMAN reported to the Council on representations made by Mr. Thomas Moran, Mr. Patrick Joy and himself to the County Manager of the South Riding of Tipperary to have full-time pharmacists appointed to the hospital and to the mental home in Clonmel. They thought that a full-time pharmacist should be paid £700 to £800 a year, but the County Manager thought that one man should cover two institutions at a salary of £500 to £600 a year. Mr. Loughman said that until the Council was more vigorous in asserting the status of pharmacists, particularly in relation to public appointments, it would be difficult to obtain the salaries pharmacists were entitled to.

MR. MILLER said the trouble was that there was really no body to say what pharmacists' salary scale should be. In his view £1,000 was not sufficient for such appointments. The medical men and dentists had professional bodies to say what their salaries should be, but not Irish pharmacists. The Deputy was to be congratulated on what he had done, and also for the case he made in the Dail with regard to the supplying of medicines to dispensary patients through the pharmacies. MR. COSTELLO said it would be helpful to Deputy Loughman and Mr. Joy in their negotiations with their County Manager if they could quote the Whitley Council scale of salaries as set out in THE CHEMIST AND DRUGGIST Year-book 1958 (p. 338).

MR. COLEMAN reported on a function held in Dublin recently at which pharmacists of county Dublin presented a cup to the Irish Red Cross in memory of the Society's late president, Mr. Frank McGrath. The cup was handed over by the Society's president, Mr. O'Neill and Mr. P. B. Hickey were also present. Dr. R. Spelman (Red Cross medical director, county Dublin) expressed the hope that the cup would result in developing close ties between pharmacists and the Red Cross Society all over the country.

MR. COSTELLO reported on a recent visit by the vice-president, the registrar and himself to a meeting of Donegal chemists. He asked Mr. McElwee to take back to the Donegal committee their thanks for the way in which they had been received and entertained. MR. McELWEE said Donegal Chemists' Association appreciated the visit of the vice-president, Mr. Costello and Mr. Coleman to the meeting and their only regret was that the president was unable to join them.

The reports of the Law and Schools Committees were submitted and approved.

The Licence certificates were signed and sealed of William D. Barry, Mella Margaret M. Cusack, Gerard A. Walshe, Noel Patrick J. MacManus, Nellie de Ricci McNeany, Eithne M. McDonnell, Catherine H. M. Tobin, Henry T. Clarke, Murty O'Connor, Patrick F. X. O'Hara, Philip P. A. Smith and Anna Winifred O'Reilly.

The following were elected members of the Society: Misses Gertrude Noonan and Anne M. C. Tierney; Messrs. Brian Curtin, John J. Hunt, Michael Murray and Joseph P. Twigg.

The following were nominated for membership: Miss Una Carmel O'Connor, L.P.S.I., 16 Kincora Avenue, Clontarf, Dublin; T. F. X. Corbett, L.P.S.I., Newmarket-on-Fergus, co. Clare; Gerrard Gleeson, L.P.S.I., 61 Phibsboro Road, Dublin; Patrick J. Lillis, L.P.S.I., 33 O'Connell Street,

Ennis, co. Clare; A. Conor Kiely, L.P.S.I., Grange Cross, Ballyfermot, Dublin; Thomas McAuliffe, L.P.S.I., Bank Place, Limerick; Brian McGrath, L.P.S.I., 143 Capel Street, Dublin.

At a meeting of the Benevolent Fund committee held at the close of the Council meeting THE REGISTRAR reported that he had received a cheque for £444 18s. 7d. from the Benevolent Fund dance committee—proceeds of the dance in December 1957. THE PRESIDENT said he was happy to propose a hearty vote of thanks to the dance committee "for this magnificent cheque." It was a fine achievement to have realised such a handsome sum, and the gratitude of everyone in the Society was due to the dance committee for all they had done. MR. COSTELLO said it would not be correct

for him to say that he formally seconded the president's motion, since there was nothing formal when they received a cheque for £444, which was such a valuable contribution towards the heavy "bread and butter demands" upon the Fund. Were it not for the efforts of those unselfish people in giving so generously of their time and energies the Fund could not do all it was doing today. In addition to the dance committee, as treasurer of the fund he would like to thank the Society's members throughout the country who sent along subscriptions. To those who were unable to attend the dance, and who had overlooked the matter, he would make a special appeal to send along a subscription now. Every little helped.

Grants totalling £52 were passed for payment.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Two Calls for Action

SIR,—I am instructed to advise you that the following two resolutions have been sent to the Executive Committee of the National Pharmaceutical Union:

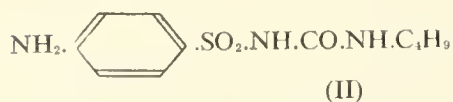
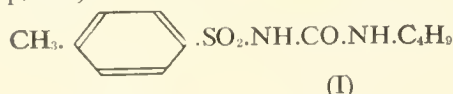
1. We urge the Executive Committee to do all that lies in its power to work for the establishment of the principle that all medicines for human use should be manufactured and distributed under the supervision of pharmacists.

2. We urge the Executive Committee that, short of taking legal action against the Crown for obtaining our money under false pretences, they should take definite and constructive action as an organisation to publicise our heavy losses on the recent purchase-tax reductions.

E. W. SKYRME, *Hon. Secretary*,
Federation of South-eastern
Pharmacists, Hastings

Sulphonamides and Sulphanilamides

SIR,—A terminological error seems to be creeping into medical and pharmaceutical literature. The antidiabetic tolbutamide (I), has been described at least twice as being "not a sulphonamide," first in a leading article of the *British Medical Journal* (1957, ii, 343) and more recently in the *Extra Pharmacopœia*, 24th Edition (Vol. 1, p. 790).



Actually, both tolbutamide and carbutamide (II) are true sulphonamides, though only the latter is a sulphanilamide derivative. Clearly the above description should be amended accordingly.

E. WALTON,
Wellcome Research Laboratories,
Beckenham, Kent

Controlled Substitution

SIR,—When a letter in your journal starts off with the masterpiece of understatement of the year, I feel I must reply to it. A letter last week (*C. & D.*, May 17, p. 540) started off with the

statement that "it is probably true that the retail chemist may be left with an odd bottle or two" of a proprietary that has fallen out of favour. Has the writer of the letter ever seen the inside of a chemist's dispensary or worked in one for a few years? He then goes on to say that that is a normal business risk taken by retailers in other trades. If I have a camera or lipstick which is out of date, I can put them in the window and clear off at reduced prices. Other trades have "sales." Has the gentleman ever seen a January sale of outdated Schedule 4 antibiotic or cortisone products which have fallen out of favour? At the present moment the National Health scheme has developed into the situation that the firm with most money tied up and the biggest range will get the most scripts, irrespective of service, hard work or efficiency. There is too much duplication of simple remedies, and we must either have controlled substitution or duplication if the private chemist is to remain in business or still have sanity.

CONTROL

SIR,—With the greatest respect to Messrs. L. J. Gower and F. F. Marchbank (*C. & D.*, May 17, p. 540) my own experience has been that the ordinary general practitioner does not care a tinker's cuss which of many brands is supplied to his patient. Over and over again, when I have telephoned through, especially on Saturday afternoons when warehouses are closed, to explain that a particular maker's brand was unobtainable until Monday morning, I have received the reply "Oh, give X, Y or Z—any brand you have in stock." Doctors as a whole are understandably befogged by all the ethical propaganda which is lavished upon them.

O.A.P.

Collective Psychology

SIR,—Some years ago I had just topped the poll in a local election for a district council when an elderly gentleman approached me with this greeting: "Congratulations. You are just the man to represent us. But please, don't be led away from your principles by the rest of the councillors. Individually they are good chaps, but collectively—an awful crowd of fat-heads." Doesn't this exactly apply to our own

Pharmaceutical Council? (as to so many other collections of councillors). By the time resolutions are mangled in debate and bashed around like clothes from a laundry just a remnant of the original remains. I do hope those I have voted for will justify the confidence I've placed in their ability to act on our behalf as sensible, practical pharmacists.

D. VOTEE

"Ethics"

SIR,—How well "Stick-in-the-Mud" (*C. & D.*, May 10, p. 513) castigates the puritanical "ethical" advertisers in our pharmacy ranks. Many years ago, in one of Bath's most select shopping centres, two well-known high-class pharmacists employed cycle messengers, with their employers' business names and their addresses very prominently displayed on each cycle (the delivery baskets, too, were painted with name and address). The programmes of Bath's famous Pump Room concerts and notice-boards in all the best hotels featured those "leading" chemists, as did all the local papers. Both were city aldermen. So it was quite respectable to advertise.

R. G. DAVIES-JOHNS,
Chilwell, Nottingham

Thanks to Voters

SIR,—Will you kindly convey my thanks and appreciation to those who so kindly voted for me in the recent Council election.

STANLEY DURHAM,
Sheffield, 7

SIR,—I would like to thank the 5,121 members of the Pharmaceutical Society who supported my successful candidature in the recent Council election. I am very conscious of this further expression of confidence in my efforts for our profession."

TOM REID,
Haslemere, Surrey

SIR,—I should be grateful if you would allow me to express, through your columns, my thanks to those many pharmacists who gave me their votes and support at the recent Council election. May I also take this opportunity to congratulate the successful candidates and extend to them my best wishes in their work for our profession.

CYRIL H. SMITH,
West Bromwich

HOT but...



not bothered

CALADRYL* quickly and effectively relieves hot weather skin irritations, such as sunburn, rashes, insect bites, nettle and jelly fish stings. It combines the soothing, mildly-astringent action of calamine with the anti-pruritic, anti-allergic effects of Benadryl*. Supplied as a smooth, non-greasy lotion or as a water-miscible cream, Caladryl provides symptomatic treatment for irritative skin conditions, whether of allergic or non-allergic origin.

**Trade Mark*

CALADRYL

LOTION—In bottles of 4 fluid ounces

CREAM—In tubes of approximately 1½ ozs.

DISPENSING PACK

Lotion: bottles of 80 fluid ounces. Cream: jars of one pound



PARKE, DAVIS & COMPANY, LTD. (Inc. U.S.A.) HOUNSLOW, MIDDLESEX. Tel: Hounslow 2361

and at Carfin Industrial Estate, Carfin, Lanarkshire. Telephone: Holytown 326/7

348

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Announcing the NEW

£2625

'KOLYNOS' SNAPSHOT

COMPETITION

It cannot fail to bring you EXTRA INCOME

Last year's 'Kolynos' Snapshot Competition was such a great success we've been asked to repeat it. But this year it's going to be even *better*! To help you sell more 'Kolynos' toothpaste, we are increasing the total of cash prizes your customers

can win to £2,625. And to show our appreciation for your co-operation, we are arranging things so you cannot fail to get extra cash income beyond your normal run of business. In fact you can benefit in three ways.

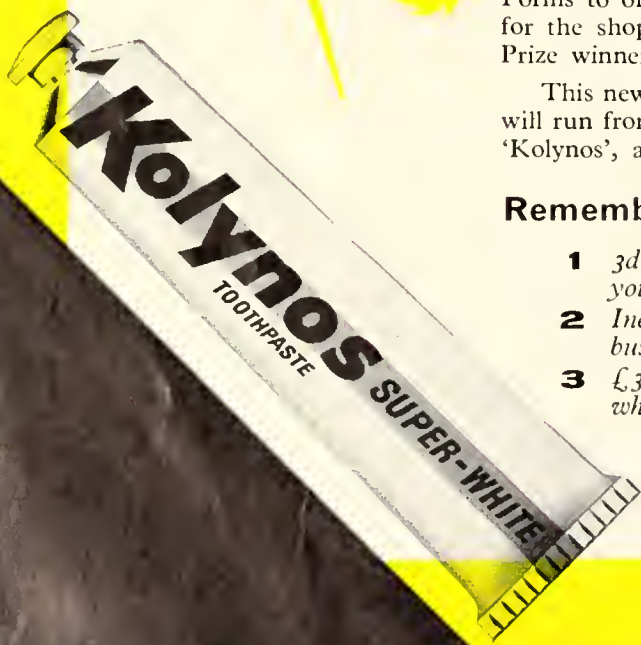
3^d BONUS FOR EVERY ENTRY

- 1 There is a Cash Bonus.** All Entry Forms for this new 'Kolynos' Snapshot Competition have a space specially designed for your name and address. And for every Entry Form with your name received by I.C.C. Ltd., you will be paid 3d.
- 2 Increased Developing and Printing business.** Your customers will want their 'snapshots' developed and printed—and they will want more films. Hence a useful increase in this side of your business.
- 3 Cash Prizes for you if any of your customers win.** There will be a £50 cash prize for every shop that supplies Entry Forms to one of the five 1st-prize winners and £100 in cash for the shop that provides the form for the Grand Prize winner.

This new £2,625 'Kolynos' Snapshot Competition will run from now to October 1st, 1958. Stock up on 'Kolynos', and put the showcard on your counter.

Remember! your 3-way benefits are

- 1** 3d. cash for every entry received from your shop
- 2** Increased developing and printing business
- 3** £350 in cash prizes for chemists who supply winning customers



Dispenser showcard for entry forms



To help your shop participate individually in the new 1958 £2,625 'Kolynos' Snapshot Competition a specially designed Dispenser Showcard with Entry Forms is offered to you. Put one on your toothpaste counter and another on your photographic counter. Make sure each customer gets an Entry Form. *Remember, you get a cash bonus on every Entry Form returned. And if your customer wins a first prize, you win, too.* Don't let your Entry Forms run out. Write for more, using the reply paid card included with every showcard dispenser.

Include entry forms in all snapshot wallets

See that your customers get an Entry Form in every wallet of snaps. Make sure, too, they get one with all other photographic material they buy.

RECEIVED FROM YOUR SHOP

Your customers' prizes

Here are the prizes your customers can win in this great new 'Kolynos' Snapshot Competition.

FIRST, SECOND AND THIRD PRIZES
for each of 5 sections, (£875 in all)

Children · Pets	£100 First Prize
Holidays · Views	£50 Second Prize
'Pot Luck'	£25 Third Prize

GRAND PRIZE OF £500
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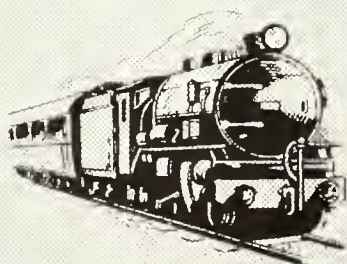
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TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Voices Private and/or Representative

Mr. C. E. Turner made a remark at the annual meeting of the Pharmaceutical Society (p. 564) that could be adapted to other things. He said that the Council's annual reports over a period show the enormous range of the Society's work but reveal slender evidence of policy. A cynic might say that the Annual General and Branch Representative's meetings demonstrate the enormous diversity of members' interests, but yield only slight evidence of any conclusive outcome.

Certainly nobody could complain this year of lack of variety in the topics discussed. At the A.G.M. some members showed an intense concern at the possible "redundancy" of a certain class of pharmacist owners of retail businesses. Others interested themselves in the award of the Fellowships, and showed curiosity—which the president promised would later be satisfied so long as they accept what they are told and do not argue about it—over the contents of the mysterious "section K" of the new curriculum. The former curriculum subject of "forensic pharmacy" is, it appears, to lose its identity in the larger category covered by that section. Before finally accepting section K as "section O.K." we should for our part like to be convinced that the change may not prove prejudicial to the acceptance of a proper grasp of pharmaceutical law as one of the conditions for admitting a person to the Society's register. It has both an actual and a symbolic importance in that respect.

If there was anything in common between the mood of those present as private members at the A.G.M. and those officially representing branches at the sessions on the Thursday, it was an uneasiness about suspected steam-roller tactics used by the Council to limit discussion on its policies. That was shown both in Mr. Hendra's instant reaction to what he saw as an attempt to cut short an intervention on behalf of the "smaller" proprietor pharmacists, and by the Stoke-on-Trent Branch motion criticising the Council's handling of its educational policy (though not of the policy itself). In that respect the Council would do well to remember that to have the right policy is not enough. The policy has still to persuade members of its correctness. Eastbourne Branch sought an official ruling that D.D.A. and Schedule-4 prescriptions still undispensed at a date on which D.D. authority was withdrawn from their writer should cease to be valid as from that date. That seems a common-sense demand but by the same token there should be a time limit upon the power of the Council to say to the Branch Representatives (as it did through

the registrar on the matter of the three-year course): "You have agreed to this." The particular consent he cited had been given eleven years previously. Much could have happened in the meantime to change members' views, and in any case the Council had unilaterally set aside part of the terms of the consent. Members will do well to remain vigilant that other policies, however good in themselves, are not put across so clumsily, and with such apparent disregard of rights of discussion, as the educational.

Mr. E. T. Kent, the new member of Council, had made so much in his election statement of his proposal for a new unifying body in pharmacy that one might have been forgiven for supposing that he had been returned to further that object. If so, his supporters were not in a majority among the Branch Representatives, who decisively turned down a resolution calling for a "single unified organisation" in pharmacy. They were probably wise. A new organisation is an additional one whatever its purpose, and already pharmacy has as many organisations as most callings. Both Mr. Kent and the Representatives no doubt, would welcome a higher degree of unity within the profession. But before that can come about somebody must awaken a higher degree of interest in the Council and its work than was shown in the election figures.

An interesting motion was that of the Huddersfield Branch which deplored the necessity of having to refuse bottles but at the same time suggested that the Society's laboratories should investigate the effectiveness of present-day bottle-cleaning methods.

Other serious and important topics were discussed, but the proposal that the Society should make available a pharmacist's badge or emblem was not treated seriously by many. Miss Burkitt's engaging suggestion that the badge might be embroidered on the underwear of lady members could be taken a stage further. It could figure in collectively sponsored advertisements for pharmacy beside the escalators of London Underground—an almost sure-fire method at the moment of gaining extra unpaid publicity in the newspapers.

On that note of levity we leave the 1958 Annual and Branch Representatives' meetings, in some doubt whether even the most serious discussions will have any more impact on a Council that grows each year more difficult to challenge. The apathy of two-thirds of the membership is noted and deplored, but even supposing an important new controversial issue and an eloquent advocate of it, he has still to make himself known to members in more than his own locality. Broadly speaking, it is only present Council members who get around and make themselves known in that way.

Corrected—with Apologies

By a failure in concentration a reference in our leader last week to the Proprietary Association of Great Britain was allowed to appear incorrectly as the name of another association of similar title. The two associations have different functions, purposes and memberships, one important difference being that the P.A.G.B. is composed exclusively of manufacturers. A knowledge of the distinction between them is, of course, very much—perhaps, it seems, too much—a part of the background of our knowledge of the trade. In offering our apologies to both associations we hope and are confident that the error was obvious to the majority of our readers and that few were misled by the mistake.

Any Business Questions?

If, when a tenancy is given up at the termination of a full repairing lease, the landlord demands what the tenant considers an excessive sum to be spent on repairs, and they can come to no agreement, I believe that the tenant may apply to the court for a reduction of his obligations. If that is correct, can you tell me upon what the court normally bases its recommendations? Is there a formula for maximum amount, related, say, to annual rent, or rateable value, or length of lease? Or is it based on an overall consideration of circumstances, such as the amount spent on repairs by the tenant, length of tenancy, age of property, etc.?

THE measure of damages for breach of a covenant to leave premises in repair at the termination of a tenancy is the amount by which the value of the property is diminished by its being in the state of disrepair which the tenant should have remedied according to the extent of his repairing obligations under the terms of his lease. The amount is generally ascertained by taking the cost that will be incurred in making good the various items of disrepair, which are the tenant's responsibility. The annual rent or the rateable value or the length of the lease have nothing to do with the question, though the age of the property may become a factor to be taken into account in reducing the amount of the tenant's liability. The best course is to engage a competent builder or practical surveyor to price the work. The amount fixed by the court in the proceedings is, of course, binding on all parties.

For many years we have sublet, as living accommodation, the back rooms and upstairs part of our shop premises. The downstairs rooms, consisting of sitting room, kitchen and scullery, are damp and "rough"—in fact, substandard as living accommodation. After complaining about the damp, our subtenant eventually reported the matter to the local authority, and after consultation with the latter we agreed to carry out alterations to the upstairs accommodation so as to form a self-contained flat into which the subtenants were evacuated. The work involved us in considerable expenditure on property which we do not own and for which we shall get no return. What is the income-tax position of an expense of this nature?

PRESUMABLY you have brought into the accounts the rent received from the tenants, offsetting the rental charges of the whole premises. In those circumstances, the cost of repairs incurred on the tenanted accommodation can also be treated in effect as a business expense. If, however, the repairs or alterations include improvements of a capital nature, as distinct from repairs of a maintenance character, some disallowance will arise, though it does not necessarily follow that the whole of the capital item will be inadmissible. So far as possible replacement will be allowed.

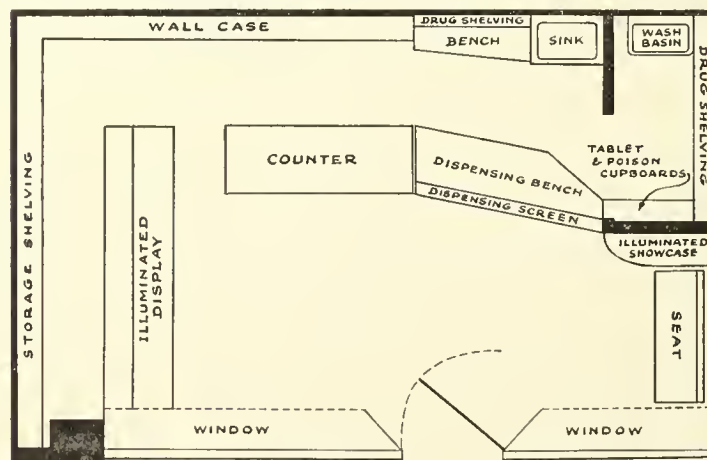
I have recently purchased a new car which I use partly for business. Can I claim the purchase price (or part of it) against my income tax? Can I claim depreciation annually on (a) the car and (b) on shop fixtures that are subject to wear? Can I allot my wife a sum of money weekly to look after the books, etc., and what sum would be advisable to secure the best tax relief?

ALLOWANCES in respect of a motor-car are given over a period of years, and a business proportion would need to be estimated and agreed for each year, based on the proportionate business use. Allowances are twofold: Initial allowances, if you wish to claim them, now at 25 per cent. of the actual cost laid out, and annual allowances, also at 25 per cent. on the cost in the first year and 25 per cent. on the balance left over after that. Depreciation on the car is covered. If you subsequently sell the car, and the true loss differs from that given by way of the allowances, an adjustment will have to be made. Similar allowances, usually at $6\frac{1}{4}$ per cent. (and 25 per cent. initial allowance) may be agreed against furniture, fixtures and fittings. If the payments are actually made and recorded in the books, the payments being *bona fide* and not unreasonable, a wife's wages may be an allowable expense. P.A.Y.E. comes into operation on an employee's pay if it reaches the rate of £3 15s. per week or £15 10s. per month. The tax relief available must be connected, of course, with your own tax position.

SHOPFITTING QUERY

We would welcome suggestions for fitting-out a new shop in an underground bus station. A small part of the shop is partitioned off. It contains a wash basin and unfortunately the partition may not be removed. The overall internal dimensions of the shop are 21 ft. by 13 ft. 7 in. The ceiling at the front half of the shop is approximately 12 ft. high. At the rear of the shop it is of glass blocks and 14 ft. high, giving direct daylight from above, and that might give rise to lighting problems. No other space is available for storage, and provision must therefore be made for as much storage space as possible.

FOR convenience in plumbing the dispensary has, in the accompanying suggested plan, been sited next to the exist-



ing partitioned cloakroom, the side wall of which, fitted with shelving, provides storage for bulk drugs, and the front wall is also fitted with cupboards for storage of tablets and poisons. The tablet cupboards can, of course, be of the deep-door type, the doors containing shelves to provide still greater storage space. The "angled" dispensary screen tends to give a lead in towards the counter and far side of the shop, which we suggest should have an illuminated display extending right up to the lower ceiling so as to give cover to the floor-to-ceiling storage shelving on the wall behind.

The rear wall of the shop behind the counter is covered by a wall case 6 ft. 6 in. high, with sliding glass doors. Above it and running across the whole of the back of the shop, we are suggesting obscure glass panelling, incorporating, say on the centre panel, a large red carboy. The glass could be set at a slight angle, with a reflecting metal sheet backing fastened to the wall. As will be seen from the plan access to the rear of the shop is solely by a small through-way between the counter and the illuminated display, as we feel that a through-way at the other end of the counter, near the dispensary, might tend, although it might have certain advantages, to invite the often unwanted person into the dispensary.

The section of a shop behind the opening of the door is normally "dead" space, and the seat would best be sited in that area, facing the illuminated display. A smaller illuminated showcase fronting on to the wall by the side of the seat would, we consider, be an asset inasmuch as it would tend to attract persons waiting for prescriptions to that area of the shop. The windows would probably be best if of the low open-display type with, say, three glass shelves to each window. It is difficult to assess the amount of lighting required in the shop. Consult your electrician.

A PHARMACIST'S ANTHOLOGY

GOOD FOR SOMETHING

From *Three Sisters*, by T. Thompson.

EVERYTHING in that garden (excepting the London Pride) had to be "good" for something. Golden rod, if it did not cure Aunt Prudence's occasional twinges of lumbago, at least helped her to bear it with fortitude and equanimity. There was a glorious clump of comfrey, which she hailed as "knit-bone" and stewed diligently for a hot fomentation when she bruised her shins, which (as she was easily "flustered") was oftener than might be supposed.

BRANCH REPRESENTATIVES' MEETING

Council censured on educational policy "tactics"

AT the meeting of Branch Representatives of the Pharmaceutical Society held in London on May 15, the Council received what amounted to a vote of censure on the tactics it had used in "forcing through" its educational policy including the three-year course.

The censure was delivered when the North Staffordshire Branch motion, as amended by the Portsmouth Branch, was carried. It read "That the action of the Council is to be deplored in refusing fuller discussion of its educational policy requested by the National Pharmaceutical Union Executive and several Branches of the Society by using the instruments of procedure and abbreviated reportage in the Society's Journal to force through an educational scheme."

Opposition Sidetracked

Moving the North Staffs motion (which included the words "which is not acceptable to members engaged in retail pharmacy" after "educational scheme"), Mr. H. H. MORRELL said that members of the North Staffs Branch were not happy at all at the way in which the Council had got the educational policy through. By putting the resolution the Branch hoped to highlight the methods used to sidetrack opposition. Right from the start there had been criticism from the Branches—Liverpool, Preston, Sheffield, Dartford and North Staffs to mention a few—many of which had asked for an opportunity to discuss the matter further. A resolution from the Executive of the National Pharmaceutical Union had asked the Council to delay action on the proposed three-year course for the Pharmaceutical Chemist diploma until the membership had had adequate opportunity to consider the proposals. A similar request, signed by thirty-three members, had asked that a Branch Representatives' meeting should be called before March 1958 and followed by a special meeting of the Society. Even the Scottish Department Executive had protested at the short time given to consider the proposals. What had happened to those criticisms, requests and demands? At the annual meeting in 1957 a newly elected member of Council had led a criticism of the educational policy, a criticism that found ample support from the floor and elicited the following reply from the president: that it would not be fair for him (the newly elected member) to comment on the policy of the Council, but that his remarks would be carefully considered by the Council and its committees. No definite statement had been made by the Council, yet that was the last general meeting to be held before the educational proposals were finally approved.

The Council found an irregularity and thirty-three members who requested a special meeting were sent letters explaining the requirements of the by-laws concerning requests to the Council to convene a special general meeting. After that the members concerned did not submit another demand—"they just submitted." The Council then

decided at its December meeting that no useful purpose could be served by delaying action on the course beyond March 1. "Never in the history of the Society," he parodied, "have so many been denied so much by so few." The change was brought about step by step without opportunity for public discussion ardently though it was sought, until a point of no return was reached. The method of procedure was the root cause of the uneasiness. Members needed to consider seriously the implications of their failure to be heard if they were not to be out-manoeuvred so easily in the future.

MR. G. L. WALTON, North Staffs, who seconded the motion, said that the Branch was not tilting at the educational windmill. The three-year course was now an accomplished fact. But there was no saying what other important matters might be forced through in the future by such methods. As Voltaire had said, "I do not agree with a thing that you say but I will defend to the death your right to say it."

MR. R. E. CLARK, Portsmouth, moving the amendment that the words "which is not acceptable to members engaged in retail pharmacy" should be deleted, said that the North Staffs Branch was making the same mistake as the Council in presuming to know the views of the members.

Authority to Proceed

MR. F. W. ADAMS (secretary and registrar) explained that in 1947, at a Branch Representatives' meeting, a report containing the proposal that the Pharmaceutical Chemist Qualifying course should be of two years' duration, and that in 1952 of three years, had been agreed by a large majority. Subsequently the Council had decided against fixing the year 1952, but to leave the matter open so that they could introduce the three-year course when they thought fit. The Council had, therefore, had for many years authority to proceed with the matter. In July 1957 the Council accepted the recommendation of the Education committee to extend the course to three years for persons registered after March 1, 1958. A long statement giving the background had been published in the Society's journal, and it was then open for those who did not wish to support the matter to make their views known. At discussion held with the N.P.U. Executive the matter had been fully ventilated. Dealing with the request of thirty-three members for a general meeting, he said that the document received by the Society did not indicate what it was proposed the meeting should discuss. The procedure, which allowed for ventilation of grievances at the highest level, should not be undertaken unless the proposals to be discussed were clearly stated. In order that the proper procedure might be followed the thirty-three members had been told how to get a meeting if they wanted one. None of the signatories did so.

MR. D. ROYCE, Leeds, said that the North Staffs Branch had asked for the

facts, now that they had been given them he hoped that they had the stomach to digest them. At the outset there had been many letters to the pharmaceutical Press, but letters of criticism did not necessarily mean disapproval. Many letters rather asked for information in expansion to what had been set out as a bare statement of facts. The answers to many questions were undoubtedly given at the Bristol Conference. As a retail pharmacist he personally did not object to the Society's educational policy.

MR. WALTON said that Mr. Adams had taken five minutes to list the protests that had been made. Members had asked for discussion on the proposals, and that was what they had not got.

One Voice for Pharmacy

Sunderland Branch's motion "That the time has come when the Council of the Pharmaceutical Society should discuss with other pharmaceutical organisations the urgent need for the establishment of a single unified organisation able to speak with authority for all pharmacists," proposed by Mr. F. H. OLIVER was defeated. Mr. Oliver recalled that a similar resolution had been passed at the 1957 Branch Representatives' meeting, but that a "timid Council" had stated that, while in sympathy, it believed no good purpose could be served by doing anything about it. If they were not all brought into one association they would, instead of being a strong body, be weakened by being a number of isolated units. The aim should be to have separate committees to act for each section of pharmacy, with representatives from each section on the main Council.

MR. A. E. THORPE, Manchester, opposing the resolution, said that members should support the organisation of which they were present members. Could a new organisation speak with authority for its members? He would have been more in sympathy with the idea if a new association would make new pharmacists. But on May 14 nine thousand members had elected seven members of Council; eighteen thousand couldn't have cared less who represented them.

Clarifying the Regulations

Moving the resolution "That the regulations of the Dangerous Drugs Act and Pharmacy Act are in need of clarification, as they are at present inadequate to deal with the position that arises when a medical practitioner has his Dangerous Drugs authority withdrawn and/or has his name removed from the Medical Register. We urge that representations to this effect be made to the Home Office and the Poisons Board." MR. E. HUNT, Eastbourne, said that, as members in Eastbourne had discovered, there was doubt about "repeat" Dangerous Drug prescriptions not yet dispensed if they had been written by a person prior to the withdrawal of his Dangerous Drugs

authority. There should be no doubt on such an important matter, and the regulations should be amended or clarified to make it definite that undispensed D.D. scripts or repeats were invalid after the date of removal of a prescriber's Dangerous Drugs authority. They had also found out that a medical practitioner who had had his name removed from the Medical Register could continue to prescribe Schedule 4 poisons during the twenty-eight days allowed for an appeal to the High Court. Pharmacists should not be ignorant of that fact. Some Eastbourne members had refused Schedule 4 prescriptions in the days following the removal of a practitioner's name from the register and had been caused embarrassment when the true position was discovered. Schedule 4 repeat prescriptions were also valid, a fact which enabled any practitioner who wanted to to continue treatment long after his removal from the register. It was suggested that the regulations should be amended so that, when a name was removed from the medical register, outstanding Schedule 4 prescriptions or repeats should become no longer valid.

MR. A. E. GEE, Lancaster, Morecambe and Westmorland, proposed the following amendment, which was carried and passed as the substantive motion:—"To add 'and that complete lists of persons from whom authority has been withdrawn be published at frequent intervals in the Society's journal.'"

A Motion Defeated

The resolution of the Rhyl Branch "That the Society should reconsider the pharmacist's right to supply without prescription certain Schedule 4 preparations (e.g., antihistamines) in suitable compounds or dilutions" was an attempt to show disapproval of certain legal requirements governing the supply and sale of particular groups of substances, said MR. C. F. JONES. There was strong feeling that members were severely handicapped in the actual practice of pharmacy, and it was time that they were unshackled and treated as pharmacists—persons whose integrity was unquestionable.

MR. K. HOLLAND, Romford, said that the proposal was ambiguous and badly presented. Barbiturates were one of the main groups in Schedule 4.

MR. D. C. EVANS, East Metropolitan, said that he thought that it was preparations such as Benylin that were intended.

MR. C. BROWN, Torquay, opposed the motion on the ground that if the regulations were amended the pharmacist would be up against the medical profession, who would strongly resent any attempt of the pharmacist to take over prescribing rights.

MR. D. J. CRAWFORD, Birmingham, asked how it was possible to vote when there were arguments about barbiturates and Benylin. If the Rhyl Branch had any ideas about a list of Schedule 4 preparations which a pharmacist would have the right to prescribe, then they would have something to vote on.

On a vote the motion was lost.

After the many serious matters which had occupied the attention of the meeting, the motion of the East Kent

Branch "That the Council of the Society should consider the introduction of a badge or emblem for the personal use of its members, which would help in furthering good-fellowship and recognition among pharmacists" brought light relief.

On Chest or Underwear?

MR. S. G. WILLEY, proposing the motion, said that the idea had been born on a car treasure hunt, when a participant had suggested that there should be a car badge for members of the Society. Expanding the idea, the emblem could also be used as a blazer badge or on a tie or scarf. The Society's coat of arms was for official use only, and the Kent Branch felt that the design of the emblem should be a simple one and be perhaps the result of a design submitted by a member. It was suggested that donations received for the badges should go to the Benevolent Fund.

Seconding the motion, MR. P. BISHOP said that the scheme would give the secretary proper excuse for calling on non-attenders at Branch meetings. If the persons concerned did not want a tie or badge they could still give a donation.

MR. P. CREES, Birmingham, said that he thought it was not the sort of thing a professional society should indulge in. He certainly would not have the emblem tattooed on his chest.

MISS M. BURKITT had the meeting rocking with laughter when she asked if she would be allowed to have the *motif* embroidered on her underwear.

MR. J. MACPHERSON, Northern Scottish, said that it was said that the idea had been born on a car treasure hunt. It was a pity that the car following had not run it over at birth. He was surprised that the Kent Branch should come forward with such a stupid and irregular resolution.

MR. J. WALMSLEY, Manchester, envisaged all kinds of difficulty for the wearer of the emblem. He might just be settling down to a slumber at the seaside, for example, when an old lady would spot the emblem, recognise that the person was a pharmacist, and proceed to ask advice on her ailments or about her dog's worms.

The motion was defeated.

Shorter Title Wanted

There being no Blackpool representative present, MR. C. H. P. ROBINSON, Mansfield, proposed a motion standing in the name of Blackpool, as amended by Mansfield "That official drugs and preparations whose name or title is unwieldy should have an additional shorter title to encourage medical practitioners to prescribe by official title." The object, he said, was to make things easier for doctor and pharmacist alike. At present doctors found the proprietary name more euphonious and, therefore, tended to prescribe proprietaries rather than official preparations. There was quite a formidable list of non-proprietary names, both national and international, but it would be interesting to know how many of those names were in regular use. He suggested that non-proprietary names should be easily spoken over the telephone and be readily translated in terms of A for

apple, etc., with not so many X's or Y's. MR. L. WEBBER seconded.

MR. R. E. CLARK, Portsmouth, moved that the word "a" be substituted for the words "an additional," an amendment which Mansfield indicated they were prepared to accept and the resolution was carried in that form.

In discussion, MR. D. P. ALLEN, Stockport, said that there was a danger that the pharmacist would be presented with yet a third name in which a preparation could be ordered. He did not understand the Mansfield motion because when a new synthetic product went on the market the manufacturer had registered the proprietary name and, therefore, the proprietary name was on the market before the drug was official. Surely it was when the B.P. approved names were given out that a good short name should be considered.

Service-trained Dispensers

Presenting the North Staffordshire resolution "That the Council should resist to the utmost (a) any attempt to admit service trained dispensers or certified assistants to an apothecary under the Apothecaries Act, 1815, to the Register of Pharmaceutical Chemists without conforming with the examination regulations in force at the time of application; (b) any attempts to register assistants in dispensing. Further that the Council should not enter into any agreements with any other body concerning the above without the approval of the Annual General Meeting," MR. G. L. WALTON explained that it had been disclosed in the House of Commons on December 2, 1957, that, under the Pharmacy Act, 1954, there was statutory provision for allowing the admission in certain circumstances of military dispensers without full examination. Pharmacists generally had no desire for a back door by which a great number of people could enter the profession.

MR. F. W. ADAMS said that there was no likelihood of any serious offer being made to admit military dispensers. If such a proposal were made there was no doubt that the Society would be able effectively to counter it. It was true that, in the 1954 Act, there was provision for registration of certain classes of people as pharmacists. That was a carry-over from earlier legislation, as the 1954 Act was a consolidating Act.

On a vote the motion was carried.

Outside Competition

The sale and supply of certain medicines had reached the stage where the pharmacist, despite his higher educational standards and professional status, was in competition with every conceivable type of shop, store, public house and market place, said MR. G. G. DAVIES, proposing the Swansea and West Glamorgan Branch motion "That the Council of the Society should use its best endeavours to ensure that the supply of drugs and medicines for human and animal consumption should be restricted to pharmacists." The Proprietary Association of Great Britain report for 1957 showed that of a total sale of branded medicinal preparations of £34 millions, £15 millions was sold through non-chemists outlets. Doctors,

dentists had, and shortly opticians would have completely "closed shops." It was high time that the Pharmaceutical Society should secure for its own members the sole right to supply all medicines to the public. The Society produced a Veterinary Pharmacopœia, but pharmacists were not allowed to sell or dispense its contents. Yet the "vet's" wife could hand out certain penicillins. The veterinary surgeon's province was diagnosing and prescribing but it was the pharmacist's right to dispense.

MR. W. M. THOMAS, Swansea, who seconded the motion, said that it was in the public interest that the sale of drugs and medicine should be the sole province of the pharmacist, especially when, with high powered advertising in Press and on television, the public was in need of guidance. It should be made a matter of urgent policy and implemented through an Act of Parliament.

MR. D. ROYCE, Leeds, said that the rhetoric and fire to which he had listened would have done justice to Mr. Aneurin Bevan. It seemed, however, as if the matter might come into conflict with the Restrictive Trade Practices Act. The Chemists Federation was putting the case before the industrial court in October, and it was hoped that just such a recommendation would come from that court. He urged that all possible assistance should be given to C.F.

On a vote the motion was carried.

Confidence in Pharmacist

The breaking of the patient's confidence in doctor and pharmacist when the pharmacist was unable to dispense a prescription because the strength has not been stated was referred to by MR. A. E. THORPE when he seconded the Manchester motion "That the Pharmaceutical Society should take steps, after consultation with all appropriate bodies, to have published a list of strengths and quantities of Schedule 4 preparations and antibiotics to be dispensed in all cases where the strength is not stated by the authorised prescriber. This list to be issued to doctors, dentists, veterinary surgeons and pharmacists." It had been said that, if the chemist took it upon himself to dispense a prescription to a certain strength, he was becoming the prescriber. According to the Manchester resolution, however, he was not. The doctor had the list, and knew that if he did not state the strength then that given in the list would be dispensed. He agreed that the ultimate would be to get the medical practitioner to write the prescription properly.

MR. A. H. MOSLEY proposed the Birmingham amendment "That the Pharmaceutical Society should take steps, after consultation with all appropriate bodies, so to amend the Schedule 4 poisons regulations that a pharmacist may, after consultation with the prescriber complete a Schedule 4 prescription in cases where either the amount or the strength of the preparation has not been stated, such prescription to be duly endorsed by the pharmacist."

MR. F. W. ADAMS said that the idea behind the motion and amendments had the sympathy of the Council with regard to the dissatisfaction of the re-

quirements for Schedule 4 substances. The Council had already made representations to the Poisons Board on the basis of the difficulties that were created for pharmacists.

Asking the meeting to disapprove the motion, MR. G. J. HENDRA, Cornish Branch, foresaw difficulties of a dangerous nature with regard to strengths of preparations. The prescription was the doctor's responsibility, and the motion did not point the right way, in his opinion, to better doctor-pharmacist relationships.

MR. A. KING, Finchley, also asked that the resolution should be rejected. The amendment, he said, was sensible—pharmacists should be able to initial the prescription after consultation. MR. H. H. MORRELL, North Staffs, and MR. H. RIDEHALGH, Bournemouth, also supported the amendment, which on a vote, was carried, as was the following addition to the amendment by the South-east Metropolitan Branch. "In addition representation should be made to ensure that on prescriptions for Schedule 4 poisons and for substances covered by the Therapeutic Substances Act, initialled endorsement by a pharmacist should be accepted as evidence of completion or modification of the prescription."

Alive to Responsibilities

There was no suggestion in the Huddersfield motion "That we deplore the economic need to issue medicines in bottles which have been returned from sick persons, owing to the impracticability of thorough cleansing and sterilisation prior to re-use and suggest that the Society's laboratories investigate the effectiveness of the methods used," that pharmacists were a sloppy lot, said MR. J. A. IRELAND, in seconding the motion, which had been proposed by MR. G. A. WALKER. Mr. Ireland said that the majority of containers were fit for their purpose, but there were instances where the method of cleaning left something to be desired. The obvious solution was to use a new bottle every time, but that was not possible owing to the inadequate container allowance. If it were found on investigation that a cross infection could occur, then that would be a powerful weapon in negotiations for an increased container allowance, and pharmacists would have shown themselves alive to their responsibilities as a professional body. If a risk existed, then the motion would have served a really useful purpose.

MR. G. J. HENDRA, Cornish Branch, said that the resolution was aimed high, but did the meeting seriously consider that pharmacists were unable to have medicine bottles properly cleaned?

The motion was carried.

Press and other Advertising

Following the appearance of a full-page article describing dispensing and other activities of a pharmacy in the Newcastle area, a Branch meeting was held at which the opinion was expressed that advertising of any kind was undesirable, said MR. A. MCGUCKIN. As a result, the Newcastle District and Northumberland Branch proposed the following amended motion "That Rule 7 of the Code of Professional Conduct should be amended to read as follows:

The dispensing of medicines should not be advertised. This applies not only to direct references to dispensing, but also to the use of general terms such as 'pharmaceutical services' and the term 'dispensing chemist,' provided that the term 'dispensing chemist' may be used simply as a personal description on the fascia or other appropriate position on a pharmacy, on labels or business stationery, in telephone or other directories. Similarly a notice stating that dispensing under the National Health Service is carried on there may be exhibited at any premises.

MR. W. T. WING seconded the motion, which was carried.

A motion from Somerset County Branch, proposed by MR. F. W. BISHOP, "That all products containing poisons and antibiotics should have a space provided for the name and address of the seller, also that there should be a new official schedule for antibiotics, as at the moment it is difficult to define what can or cannot be sold, especially when it is contained in cattle medicine and foods" was carried.

Carried with little discussion were motions from the North Staffordshire Branch "That the Branch secretaries' meeting be requested to examine the whole question of allocating Branch grants and be empowered to make any recommendations thought to be necessary"; from Finchley and District Branch "That the system of capitation payment to Branches should be altered so that a sliding scale of fees should operate in order that smaller Branches will not suffer financial hardship" and from Thames Valley Branch "That the Publications Committee should provide in the Society's journal for a regular series of articles as refresher courses for the practising pharmacist."

Other Motions

MR. T. A. WILLIAMS quoted liberally from Mr. E. J. Shellard's D. J. Williams memorial lecture, "Pharmacognosy at the Cross Roads" (see C. & D., March 29, p. 349) when he proposed the West Middlesex Branch motion—which was carried—"That the Council should be urged to appoint a curator and rehabilitate the Society's museum. It is considered that this cultural heritage of pharmacy should be suitably housed so that members of the Society and the public should have its free use at all times."

The Bournemouth, Portsmouth and Southampton motion "That the Council of the Society should confirm its realisation that the greater part of the membership of the Society is employed in retail pharmacy and that prior consideration will be given to this fact in considering and deciding all future major changes in policy" was withdrawn and the Birmingham motion "That Paragraph 18 (1), (i) of Section XIX of the Society's by-laws should either be deleted or amended by the addition of the words 'or in a British Colony'" and Thames Valley's amendment "Omit the words 'either' 'deleted or' (thus making the Paragraph 18 (1), (i) of Section XIX to read 'it is his *bona fide* intention upon registration to reside permanently in Great Britain or in a British Colony.')" were defeated.

PHARMACEUTICAL SOCIETY'S ANNUAL MEETING

THERE have been stormy annual meetings of the Pharmaceutical Society of Great Britain, but the 1958 meeting, held on May 14, was not one of them. Quiet to the point of being dull, its only excitement was a hint at one period that Mr. J. E. HOWELLS, Dartford, might be silenced by the president (Mr. Donald W. Hudson) for introducing remarks not obviously relevant to any of the paragraphs in the report. Had he done so, 50,000 Cornishmen—in the person of Mr. G. J. HENDRA, Truro—would know the reason why! However, Mr. Hudson was persuaded to agree that Mr. Howells' remarks were, with a little accommodation, capable of being hitched to the paragraphs on education, and in the event nobody was prevented from having his full say on any subject.

Spoilt Papers

The meeting opened with the presentation of the scrutineers' report on the elections (the results of which were given last week, p. 521) and by a statement from the chief scrutineer, Mr. H. G. TIBBETT, expressing keen regret that there had been so many spoilt papers. The chief cause, he said, was carelessness.

THE PRESIDENT, in his address, said how sorry his colleagues were to lose Dr. Giles from the Council. The Society has derived great benefit from the services of the nominees of the Privy Council, who introduced a wider point of view into the Council's deliberations. They welcomed Dr. Lane-Petter as Dr. Giles's successor. The death of Dr. Roche Lynch (Privy Council visitor to the examinations in England and Wales) had also made a breach in a long and helpful association, which extended much beyond his official position. They were pleased to note the appointment of Professor Andrew Wilson in his place. Dr. Wilson had been an active worker for the Society as a member of the board of examiners for England and Wales, and as a member of the action and uses subcommittee of the Codex Revision Committee; he was also the first Privy Council visitor to hold the pharmaceutical qualification.

The changes in the Society's education system, which had been the subject of much discussion, had now become effective. The result would be a better-trained pharmacist able to meet modern pharmaceutical demands with more confidence and ability. Having taken that step forward the Society must devote more attention to providing the older pharmacist with material to bring himself up to date. The academic side of pharmaceutical education had developed to a point at which the closest contact between the Council and schools of pharmacy was needed to ensure that full mutual understanding in formulating and implementing policy.

Members would recall that, among other proposals, the report of the Linstead committee on hospital pharmacy had recommended a conference "to consider steps to be taken to regularise the position of assistants undertaking dispensing duties in hospitals." Representations had been made in 1957 by

the Society of Apothecaries and Guild of Public Pharmacists that the Conference should be held, and the request had been supported by the Society. The conference had taken place, and the outcome was a proposal that the matter should be further discussed by a committee consisting of representatives of the pharmaceutical bodies concerned. The Council considered that there should be no difficulty in establishing a suitable standard for persons employed as assistants to pharmacists in hospitals. The certificate of assistant in dispensing of the Society of Apothecaries had a long history, and recent revision of the conditions of award made it clear that the object was to provide evidence of suitability to act as an assistant to a pharmacist. That decision accorded with present-day realities, and it appeared to the Council that the certificate of the Society of Apothecaries could be accepted as a suitable standard.

A substantial deficit in the General Fund was occurring for the third year in succession. A special committee of the Council had for some time been examining how that position could be improved. Without a reduction in the Society's activities there was little opportunity of limiting expenditure; on the income side some improvement had been made by increases in the examination fees to enable the examinations to pay their way. Short of an increase in the personal retention fee, however, there appeared no way of providing enough income to enable the Society to balance its budget and augment its reserves. The last increase had taken place in 1954, and it would be appreciated that costs had substantially increased since then. An announcement on the matter might be expected shortly.

Tax Relief

The current Finance Bill contained a specific reference to the fee payable to retain the name of a pharmaceutical chemist on the register, and if the Bill were passed in its present form all pharmacists who used their qualification would be able without question to secure tax relief on their retention fees. It was hoped shortly to present a full report on the question of establishing a superannuation scheme for pharmacists.

Future arrangements for housing the Society's headquarters had long been a problem. With the transference of the School of Pharmacy to Brunswick Square the problem of accommodation at Bloomsbury Square would become easier. Though there appeared no prospect of acquiring the freehold of the building, the Council felt that the best course was to remain there for the time being and to make the best use of the building by suitable reconstruction—a course that had been followed. The work could only be undertaken by stages as the School moved out, and the alterations mentioned in the annual report representing the second stage, were now completed. The opportunity of acquiring the freehold of the area on which the Society's house was situated had arisen and, after full consideration

of all the factors involved, the Council had come to the conclusion that the opportunity should be taken. The Society had accordingly decided to purchase a block of property which covered an area bounded by Bloomsbury Square, Great Russell Street, Bury Place and Galen Place (an area approximately double that occupied by the Society's house). Details would be given when the transaction was completed.

Some concern had been expressed by members about the future of the Society's museum. There was being worked out a scheme for a closer association between the scientific activities of the Society, and in that scheme the work of the museum would be provided for. He was confident that, when particulars of the new arrangement were known, members would be satisfied with what had been done.

Promise Not Fulfilled

MR. G. H. SHEARD, Dartford, was the first contributor to the discussion. At the 1957 annual meeting, he said, he had presented a motion dealing with the award of the Fellowship of the Pharmaceutical Society for honorary work done over a long period. The resolution had been lost, but the then president (Mr. Granville Shaw) had promised that the Council would do something about the matter. Mr. Sheard had failed to find any reference to it in this year's report, though one Fellow had been elected during the year. He would suggest that some record should be published of the work for which any member received the award. Mr. Sheard congratulated the Council on the examination syllabus, especially on spreading the course over three years. He noted that 50 per cent. of entrants had failed in 1957, and he hoped that the spreading of the syllabus would prevent so high a percentage of failures. He also noted that there was no reference to forensic pharmacy, especially in relation to University graduates. Finally, Mr. Sheard advocated relieving the hardship to retired members in having to pay full fees, and suggested that any elderly member should be exempt on signing a statement to the effect that he had no intention of continuing in pharmaceutical work.

Replying to Mr. Sheard, Mr. HUDSON said that the Fellowship had not been lost sight of. There were now two procedures: one for those members who had been on the register for five years, and had made an outstanding original contribution to progress in scientific matters; and the other for those members with not less than twenty years' membership for contributions in the field of professional service. In future, any award made would be fully explained to the members. Forensic pharmacy, he pointed out, had not been overlooked, but was now a part of the larger "section K" of the curriculum. Mr. F. W. ADAMS (secretary and registrar) replied on the matter of the retention fee. The previous conditions, he said, had given concession to those members over seventy who had ceased active work in pharmacy. The

clause had proved difficult to interpret. It was not precise, and much dissatisfaction had been noted among those who were unsuccessful in gaining the concession. Either the fee should be discontinued at a certain age, or a lower fee should be introduced by reference to age alone. In the present financial circumstances of the Society, the Council did not feel that it was justified in entirely exempting any member from payment of the personal retention fee, especially as some would be engaging in occasional locum work. It had therefore been decided that a modified fee for the over 70's was the correct way of dealing with the matter.

MR. S. G. BUBB, Bournemouth, regretted that no full explanation had been given of recent changes effected at Birdsgrove House. During the year the warden had left, and new people were now in charge. The procedure had changed, and intending users of the home must now apply to Bloomsbury Square. He would deplore any drastic change in conditions of use of Birdsgrove House, or in its essential character. Mr. Hudson replied that the changes referred to had already been made. They were not drastic, and on the advice of the Committee had been brought about at a time when the home was empty. There was certainly no drastic change in the Society's policy with regard to Birdsgrove House, but it was considered right and proper that all applications should be made to the headquarters of the Society.

Complacent Council Members?

It was at this point that MR. HOWELLS made the remarks to which the president was inclined to take exception (see above). He said he had been struck with the complacent references of some of pharmacy's leaders to the "redundancy" of chemists with a turnover of less than £6,000 to £7,000 a year. Services, he said, could not be measured by the cash register. He had looked in vain for any suggestion of help for the "redundant" proprietors. Were the Council considering the setting-up of a compensation fund?

MR. HUDSON replied that, as a member of the Education Committee for many years, he had heard no reference there to "redundant" pharmacists. There was nothing in the educational policy of the Council but an intention to create more efficient pharmacists.

MR. HENDRA's intervention was to point out that Mr. Howells had been reproved for raising a matter that was much in the minds of many members. If the report gave no opportunity to raise such points, when could they be raised?

MR. HUDSON said he did not want to rule out anything that could properly be tied to any paragraph in the report. He was well aware of possible disquiet among members at a reduction in the number of pharmacists, but the evidence was that there were more pharmacists and a maintained entry into the profession.

MR. C. E. TURNER, Stoke-on-Trent, was surprised to read in the report of an increase of 306 in the number of registrations. Despite that increase, he said, there was without doubt a short-

age of pharmacists in some areas. Perhaps one explanation was that the field of medical representation was attractive to many members. He noted that 428 new students had been registered in the first four months of 1958, and asked whether the president could guarantee that there would be enough places at the schools for diploma students taking the two-year course. Was it possible to publicise vacancies in the schools? The Society's annual report showed the enormous scope of its work, but in the past five years the reports had all been similar in substance, and all appeared to show an absence of policy.

MR. HUDSON gave his assurance that there were ample places in the schools for the students requiring places. There was no reason for "not looking into" the possibility of publishing lists of places available in the schools. The extension of the curriculum from two years to three did not mean a year's extra work for the student. Forensic pharmacy came within "section K," which was taken in the third year, but the remainder of the third year was given over to relieving the burden on the student. In other words, two years' work under the previous arrangements was now being spread over 2½-2¾ years.

MR. HENDRA asked whether, when the educational proposals were put forward, the Council had considered their effects on small and medium-sized businesses, and MR. H. B. COULSON, Cambridge, was also concerned at the raising of the curriculum to three years. It brought pharmacy, he said, into open competition for recruitment with industry and the universities. As a rule it was easier to enter those professions. A graduate in natural science could start at £600 to £700 a year and be earning £1,200 at age thirty and £2,000 to £2,500 at forty. Those facts would probably reduce the number of entrants into pharmacy, and in ten years many of the smaller pharmacies would have to close.

MR. HUDSON assured the two questioners that there had been no deliberate intention to close any business. The desire of the Council was to see pharmacists with every advantage of education to meet competition. Pharmacy must certainly compete with all the scientific professions for recruits, but there was no overcoming that situation. Good incomes were to be made in pharmacy even today, and of the more highly qualified pharmacists there was a shortage. There was certainly no advantage to the profession in accepting the second best.

MR. C. H. PRESTON ROBINSON, Mansfield, had no quarrel with the length of course, but saw difficulty for some students in gaining admission. For example, the requirements for the London B.Pharm. degree included no call for a language but English, but the entrant to the pharmaceutical diploma course must know a second language. Mr. Robinson also asked how many schools this year were providing the three-year course.

MR. HUDSON agreed that the new regulations might make it harder for some to gain entrance, but said they made it much easier to fill the places that existed.

MR. S. DURHAM, Sheffield, said he would be interested to see the details of the new "section K." Would they be published before being finalised?

The reply was that they would be published and could be commented on, but not discussed, as that was the prerogative of the Education Committee.

MR. R. FISHER, Leeds, was surprised that there had been no comment on the deficit of £15,000 on the Society's general fund, and suggested a method of reducing the deficit on its official journal.

There were no other contributions to the discussion, and THE PRESIDENT announced, after a show of hands, that the report had been unanimously adopted.

DEVELOPMENTS IN THE UNITED STATES

Plant Oestrogen Discovery

A potentially valuable oestrogenic hormone has been isolated from ladino clover, and its structure determined by scientists at the Department of Agriculture's Western Utilisation Research and Development Division, Albany, California. Labelled coumestrol, it is not only different in chemical structure from known animal oestrogens, but it also differs from plant oestrogens previously isolated. The new compound, a crystalline substance, is about thirty times more active than genistein, one of the most potent oestrogens previously reported in forage crops. On animals it is much less potent than Stilboestrol.

Support for Older Antiseptics

Although carbolic acid solutions and tincture of iodine have been in use for seventy-five years, they are still the best general antiseptics for practical purposes, according to Dr. George F. Reddish, chief bacteriologist, Warner-Lambert Pharmaceutical Co., New York, and professor of bacteriology at the St. Louis College of Pharmacy and Applied Sciences. In a review of antimicrobial

agents presented before the Indiana Academy of Science in Greencastle, Indiana, recently, Dr. Reddish said tests have shown that many newer antiseptics do not possess all of the desirable properties, some being specific in germicidal activity and weak or ineffective against certain micro-organisms, others are rapidly counteracted by organic matter, do not diffuse easily, and have a high alkaline content. An example of effective older antiseptics cited by Dr. Reddish is the group of so-called essential oils, related to carbolic acid. Beginning in 1881, he explained, alcoholic solutions of essential oils were employed successfully for the purpose, thymol being the most active. Alcoholic solutions of thymol and other essential oils are non-specific in their germicidal activity, combine low surface tension, low pH, rapid germ-killing power in which all varieties of infectious micro-organisms, including viruses, are destroyed in high dilution. There was now a trend, Dr. Reddish said, towards the development of new antiseptics which have properties comparable to carbolic acid, iodine, and the essential oils.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 21: A reduction of £2 per ton in the price of ZINC OXIDE making the 2-ton rate for pharmaceutical grade now £98 10s. per ton, provided the only feature of the week in the PHARMACEUTICAL CHEMICALS. VITAMINS were held at previous levels though pressure from abroad in the number of them continued.

In the CRUDE DRUGS market no firm shipment offers of Cape ALOES were received. Colombian IPECACUANHA was a little easier for shipment so also was the Matto Grosso variety while Costa Rican was offered in limited quantities. LIQUORICE whole root was unobtainable on the spot with only Persian quoted for early delivery. Meanwhile the block juice is unchanged at 200s. to 210s. per cwt. according to quantity. CASSIA BARK was somewhat easier and TRAGACANTH was down by £5 per cwt. In spices, GINGER continued a weak market and buyers were not attracted by lower offers for the Jamaican variety. A mandate on the marketing of Jamaican GINGER abroad is to be sought by the Jamaican Agricultural Society at its annual meeting scheduled for July, as to whether the Jamaican Government should be asked to take over collection and marketing for the next few years on the same lines as it now deals with pimento. The first of the new crop Alexandrian SENNA PODS have arrived; samples show they are of fairly good quality. A report from Tuticorin on the Tinnevely senna position states that heavy rain in the growing centres at the end of April caused damage to plants and arrivals of leaves are not expected to be as abundant as first forecast. Pods are also expected to be scanty. During April shipments from Tuticorin were:—

	U.K.	U.S.	EUROPE
SENNA	Tons	Tons	Tons
LEAVES	3	12	66
PODS	9	2	6

It will be recalled that in our last report we mentioned that OLIVE OIL was freely available only from Algeria. Since then because of the political situation in that country dealers in London have been unable to get in touch with their shippers over there. Any extra buying at the present time would presumably lead to firmer prices everywhere.

Bourbon GERANIUM OIL again advanced sharply because of the continuing scarcity at origin.

Pharmaceutical Chemicals

AMMONIUM ACETATE. — 1-cwt. lots of B.P.C., 1949, are quoted at 4s. 5d. per lb.

ANUERINE HYDROCHLORIDE. — Price for 1-kilo is £14 2s. 6d. with 10-kilo lots at £13 15s. per kilo.

ASCORBIC ACID. — Rate per kilo: 1 kilo, £4 18s.; 10 kilos, £4 16s. SODIUM ASCORBATE is offered at the same prices.

CALCIFEROL.—B.P. is 3s. 2d. per gm. for 1-kilo lots.

CALCIUM CARBONATE. — B.P. light-precipitated powder is £32 per ton, ex store.

CALCIUM CHLORIDE. — B.P. crystals are 1s. 3½d., and granulated, 10½d. per lb. in 1-cwt. lots.

CALCIUM PANTOTHENATE.—Price per kilo is £11 12s. 6d.

CALCIUM SUCCINATE. — Quotations are from 10s. 6d. to 12s. 6d. per lb., as to quantity. SUCCINIC ACID is from 10s. 6d. to 12s. 3d. per lb.

CHLORAL HYDRATE. — In 1-cwt. lots the price is about 4s. 3d. per lb.

CINCHOPHEN.—1-cwt. lots are quoted at 21s. per lb.

CITRIC ACID. — Quotations (per cwt.) for domestic material are 225s. for 1-4 cwt. lots and 220s. for 5-cwt. lots.

CYANOCOBALAMIN. — 10-gm. lots are £63 7s. 6d. per gm., and 1 gm. £65.

FOLIC ACID.—B.P. and U.S.P. are offered on the spot at about 4s. per gm. in 1-kilo lots.

GALLIC ACID.—B.P. is 9s. 6d. per lb. for 1-cwt. lots. Technical grade is 8s. 9d. per lb.

HOMATROPINE.—Current rates (per oz.) for 16-oz. lots are now: ALKALOID, 30s. 6d.; HYDROBROMIDE, 24s. 6d.; HYDROCHLORIDE, 28s. 6d.; METHYLBROMIDE, 25s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROCYANIC ACID. — Dilute B.P.C. is from 3s. 2d. to 4s. per litre, as to quantity; Scheeles is from 3s. 10d. to 4s. 9d.

HYDROGEN PEROXIDE.—Carboy lots of 20 vols. are 5s. per gall. The 35 per cent. (by weight) is 158s. per cwt. in 1-cwt. carboys.

HYDROQUINONE.—Quotations for 1-cwt. lots are 11s. 6d. per lb. or 25s. 4d. per kilo.

HYOSCINE HYDROBROMIDE. — Price per oz. is 102s.

ICHTHAMMOL. — B.P. is from 2s. to 2s. 6d. per lb. in 1-cwt. lots as to origin and container.

ISOPRENALINE SULPHATE.—B.P. is 1s. 3d. per gm. for 1,000-gm. lots and 1s. 9d. per gm. for 100-gm. lots.

LACTATES.—CALCIUM, B.P., is 2s. 10d. per lb. in 5-cwt. lots and 2s. 11d. in 1-cwt. lots; CALCIUM SODIUM for similar quantities is 4s. 9d. and 4s. 10d. per lb.

LACTIC ACID. — B.P. is 4s. 5d. per lb. for 12-winchester lots and 4s. 4d. for 5-cwt. lots.

LACTOSE.—English, in 1-ton lots packed in 1-cwt. paper-lined sacks, is £129 10s. per ton, delivered in the United Kingdom.

MENAPHITHONE.—B.P. is £11 per kilo; ACETOMENAPHITHONE, B.P., £11; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.); £15 per kilo.

METHUIN.—B.P. is about 120s. per lb.

NICOTINAMIDE. — Prices per kilo are now: 1 kilo, 90s.; 10 kilos, 87s. 6d.; 50 kilos, 85s.

NICOTINIC ACID. — Prices per kilo are 55s. for 1-kilo and 50s. for 50-kilo lots.

NIKETIAMIDE. — Prices per kilo are:—1-kilo, 110s.; 50-kilos, 100s.

PAPAVERINE.—Synthetic HYDROCHLORIDE is 295s. per kilo, minimum 1-kilo lots.

PIENAZONE. — Imported material minimum rate, 14s. 8½d. per lb.

PHENOL.—Basic price for ice crystals in drums is 1s. 4½d. per lb. (under 1-ton lots, 1s. 7½d.). Detached crystals, 2d. per lb.

above and LIQUID, B.P., ¾d. per lb. below the foregoing prices.

PHENOLPHTHALEIN.—Rates for 1-cwt. lots is 11s. per lb.

PHENYTOIN SODIUM. — B.P. is 23s. per lb. in 1-cwt. lots or 25s. less than 56 lb.

PROCAINE HYDROCHLORIDE.—100-kilo lots are about 45s. per kilo.

PYRIDOXINE. — Manufacturers' rate for 1 kilo is now £86 per kilo; 10 kilos, £84.

PYROGALLIC ACID. — Pure crystals are 22s. 6d. per lb. in 1-cwt. lots; resublimed, 24s. 3d.

QUININE. — Makers' rates for 1,000-oz. lots are now:—SULPHATE, B.P.C., 1932, 1s. 10d. per oz.; SULPHATE, B.P.C., 1953, 2s. 0½d.; BISULPHATE, 1s. 10d.; DI-HYDROCHLORIDE, 2s. 4½d.; HYDROCHLORIDE, 2s. 6½d.; ETHYL CARBONATE, 4s. 3d.

RIBOFLAVINE. — Price (per kilo) is £18 10s. for 1-kilo and £18 5s. for 10-kilo lots.

ROCHELLE SALT. — Rates (per cwt.) for powder or granulated material are as follows:—In 5-cwt. lots or over, 200s. per cwt.; 1-cwt., 202s. 6d. SEIDLITZ POWDER, ordinary strength is 160s. 6d. per cwt. in 1-cwt. lots; smalls, from 2s. to 2s. 3d. per lb. Extra strong is 172s. 6d. per cwt., and from 2s. 1d. to 2s. 4d. per lb. for small quantities. Double-strength is 180s. per cwt.; smalls, 2s. 2d. to 2s. 5d. per lb.

SACCHARIN.—In lots of 1-lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage.

SALICIN.—Quoted at 17s. 6d. per oz.

STRYCHNINE. — Per oz. ALKALOID, crystals, 7s. 3d. HYDROCHLORIDE, 7s.; SULPHATE, 6s. 3d.; NITRATE, 7s. 9d., all for 100-oz. lots in free containers.

SULPHUR.—B.P. PRECIPITATE in 1-ton lots is £120 per ton, delivered ex works.

TANNIC ACID.—The B.P. levis, ex ether is quoted at 9s. 9d. per lb. for 1-cwt. lots. The B.P. powder is 9s. 3d. per lb. in 1-cwt. lots.

TARTARIC ACID. — Rates for the home trade are as follows:—10-cwt. lots, 280s. per cwt.; 5-9-cwt., 282s.; 2-4-cwt., 284s.; 1-cwt., 285s.

TEREBENE. — For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are 15s. 9d. per lb.; 28-lb., 14s. 6d.

TEREBINTH.—B.P. is 2s. 3d. per lb.

TERPINEOL. — Prices of B.P. grade are from 3s. to 3s. 6d. per lb. as to quantity.

TERPIN HYDRATE. — Prices are from 6s. per lb., upwards as to quantity.

THIOBROMINE. — ALKALOID is from 24s. 6d. per lb. and SODIUM SALICYLATE, 22s.

UREA.—Manufacturers' rates for pharmaceutical grade are £63 per ton in 1-cwt. bags non-returnable. Technical quality is £44 10s. per ton.

VITAMIN A. — Synthetic. Supplied in strengths of 200,000 international units per gm. the price is 11½d. per million i.u. Natural is 1s. 4d. per million units.

VITAMIN D₂. — In oil, 2 million units per gm. the price is 2d. per million international units. Crystalline see under calciferol.

VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 2d. per gm.; 100 gm. to 1 kilo, 1s. per gm.; 1 kilo and under 10 kilos, £45 per kilo; 10 kilos, £44 15s. per kilo.

ZINC OXIDE.—Lower, B.P. quality in 2-ton lots is £98 10s. per ton; 1-ton £99 10s.; 5 cwt. £106 10s.



the Greeks had a word for it

PROTOS

from which the name protein was derived

TODAY

the word for protein is

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BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
LONDON



Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. per lb., duty paid.

ALOE. — Cape prime on the spot is 257s. 6d. per cwt.; shipment, 250s., c.i.f., nominal.

BELLADONNA. — Herb is 2s. 6d. per lb. on the spot. Root 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

CALUMBA ROOT. — Spot offers are 100s. per cwt.

CAPSICUMS. — East African are from 150s. to 200s. per cwt. on the spot.

CASCARA SAGRADA. — Spot 1956 processed peel is 320s. per cwt., duty paid, and 1957 peel, from 285s., with shipment of 1957 peel at 250s., c.i.f. 1958 peel, June-July shipment, 218s., c.i.f.

CASSIA. — Selected whole bark for shipment is 185s. per cwt., c.i.f., and extra-selected broken, 155s., c.i.f. Spot: Whole 235s. in bond nominal. *C. fistula*, new crop, 110s. per cwt.

CHILLIES. — Spot Mombasa are 160s. per cwt. and Zanzibar, 220s.

CLOVES. — Zanzibar on the spot are quoted at 3s. 3d. per lb., shipment, 2s. 8d., c.i.f.

DIGITALIS LEAF. — *Purpurea* (1956 crop), is offered at 1s. 2½d. per lb., c.i.f.; 1957 crop, 2s. 6d. to 2s. 7d., c.i.f.

ERGOT. — Portuguese is 5s. 6d. per lb., c.i.f., for prompt shipment and 6s. spot. American, 5s. 9d., spot.

GINGER. — African, 102s. 6d. per cwt. on the spot; new-crop for shipment, 100s., c.i.f. Jamaican No. 3 on the spot is 350s. per cwt. May-June shipment (new crop), 295s., c.i.f. Cochin spot, 95s.

GUM ACACIA. — Kordofan cleaned sorts are 132s. 6d. per cwt. on the spot; May-June shipment, 122s., c.i.f.

HYDRASTIS. — Spot 31s. per lb.; forward, from 28s. to 29s. 6d., per lb., c.i.f.

HYOSCYAMUS. — Dutch leaves (*niger*), are 1s. 6½d. per lb., c.i.f., prompt shipment.

IPECACUANHA. — Colombian for shipment is 54s. per lb., c.i.f.; Matto Grosso, 57s., c.i.f. No offers of Nicaraguan.

LANOLIN. — *ANHYDROUS*, B.P., is from 170s. to 175s. per cwt. in 1-ton lots and *HYDROUS*, B.P., 150s., free drums, delivered.

LEMON PEEL. — Spot is offered at 5s. per lb.

LIQUORICE. — Natural root: Persian to arrive is 45s. per cwt. Block juice: Anatolian, 200s. to 210s. per cwt., as to quantity. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 10½d. per lb.

MENTHOL. — Chinese is 50s. per lb., duty paid and 46s. 9d., c.i.f.; Brazilian, spot, 36s., duty paid, shipment, 33s., c.i.f. Formosan for shipment, 37s., c.i.f.

ORANGE PEEL. — West Indian bitter quarters are 11d. per lb.; Spanish, 1s. 3d.; thin-cut Tripoli, 2s. 3d.

PAPAIN. — Nominal c.i.f. value is 37s. 6d. per lb. as to source. Spot is scarce.

PEPPER. — White Sarawak is unchanged at 2s. 6½d. per lb. on the spot with May-June shipment at 2s. 5½d., c.i.f. Black Sarawak is quoted at 1s. 6½d. on spot, with May-June shipment at 1s. 6d., c.i.f. Black Malabar on spot is quoted at 220s. per cwt. and May-June shipment at 197s. 6d.

PIMENTO. — Shipment is 540s. per cwt., f.o.b.

PODOPHYLLUM. — *Emodi* spot value around 200s. per cwt. *Peltanum*, spot, 4s. 3d. per lb.; shipment is short at 450s., c.i.f.

QUASSIA. — Chips on spot are offered at 55s. per cwt. and for shipment at 32s. 6d., c.i.f.

QUILLAIA. — Spot offers of whole bark at 165s. per cwt.; cut, 197s. 6d.; crushed, 200s. Whole for shipment, 110s., c.i.f.

RAUWOLFIA. — *Canescens*, 2s. per lb., c.i.f.; *Vomitoria*, 2s. 3d., c.i.f.; *Serpentina*, 6s., c.i.f. asked.

RHUBARB. — Chinese offering about 6s. per lb., as to quality. Best grades not available on spot.

SAFFRON. — Spanish is quoted at 245s. per lb.

SARSAPARILLA. — Jamaican native red on the spot is 2s. 5d. per lb. Shipment, 2s., c.i.f.

SEEDS. — (Per cwt.). **ANISE**. — Cyprian, 165s., on spot; only small quantities available until new crop. **CARAWAY**. — Quiet. Dutch easier at 85s. spot, duty paid.

CELERY. — Indian offered at 175s. on spot with little interest shown. **CORIANDER**. — Steady. Moroccan on spot quoted at 62s. 6d., duty paid. New crop for June-July shipment firm at 48s., c.i.f.

CUMIN. — Remains firm. Cyprian quoted at 200s., spot. Old crop for prompt shipment quoted at 180s., c.i.f., and new crop 185s., c.i.f.

DILL. — Indian in poor demand, 70s. quoted spot and shipment at 58s. 6d., c.i.f.

FENNEL. — Indian offering at 185s., spot. Chinese 160s., duty paid. **FENUGREEK**. — Moroccan unchanged at 50s., duty paid. **MUSTARD**. — English, 69s. to 85s. according to quality.

SENEGA. — Spot is 17s. per lb.

SENNA. — *Tinnevely* LEAVES, prime No. 1, 1s. 5d. per lb., f.a.q., No. 3, 10d. PODS, manufacturing short at 1s. 6d. and hand-picked, 2s. 1d. to 2s. 4d. *Alexandria* pods: Manufacturing, offered from 1s. 6d. with hand-picked from 5s. to 6s.

SHELLAC. — F.O.T.N., 190s. per cwt., F.O. No. 1, 205s.; fine orange, 225s. to 295s.

SLIPPERY ELM. — Grinding quality bark is 2s. 7d. per lb.

SQUILL. — White is unobtainable on the spot.

STRAMONIUM. — Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

STROPHANTHUS. — *Kombé* on the spot is 8s. 6d. per lb. for the 100 per cent.; *gratus* is unobtainable spot and forward.

STYRAX. — Spot cleared and no direct shipment offers.

TONQUIN BEANS. — Para on the spot are offered at 8s. 6d. per lb. Shipment, 7s. 6d., c.i.f.

TRAGACANTH. — No. 1 ribbon is £120 to £125 per cwt., No. 2, £110 to £115.

TURMERIC. — Madras finger on the spot is 55s. per cwt. New crop for May-June shipment, 57s. 6d.

VALERIAN ROOT. — Spot: Indian (with rootlets) is 130s. and Belgian, 175s. to 195s. per cwt. Dutch (max. 2½ per cent. sand) for prompt shipment, 168s., c.i.f.

VANILLIN. — Rates (per lb.) are now: — 5-cwt. lots, 25s. 3d.; 1-cwt., 25s. 6d.; 56-lb., 25s. 9d.; smaller quantities, 26s.

WAXES. — (Per cwt.). **BEES'**. — Dar-es-Salaam, spot, 525s., shipment, 500s., c.i.f. nominal; Sudanese, 450s., spot, in bond, and 445s., c.i.f. Abyssinian, spot, 470s. in bond; shipment, 445s., c.i.f. Benguela spot, 510s., duty paid; shipment, 465s., c.i.f. **CANDELILLA**. — Spot, 460s. **CARNAUBA**. — Fatty grey, spot, 565s.; for shipment, 560s., c.i.f. Prime yellow, spot, 985s.; shipment, 910s., c.i.f.

Essential and Expressed Oils

ALMOND. — British oil is 8s. 3d. per lb. Moroccan, 7s., in bond.

BERGAMOT. — Spot supplies are from 86s. 6d. per lb. for 38 per cent. oil. Only 39 per cent. oil available at origin.

BIRCH TAR. — Rectified is about 14s. per lb. in 1-cwt. lots.

BOIS DE ROSE. — Brazilian is 22s. per lb. on the spot and 19s. 6d., c.i.f.

CARDAMOM. — Price per lb. is from 350s. for English-distilled and from 267s. 6d. to 297s. 6d. for imported.

CELERY SEED. — Oil is 92s. 6d. per lb. for bulk lots.

CINNAMON. — From quillings, best English-distilled is 50s. per oz.; other B.P. oils from 165s. per lb. Ceylon leaf, spot, 11s. 6d. per lb.; shipment, 10s. 10½d., c.i.f.; rectified, 15s. per lb.; Seychelles, 6s., spot; shipment, 5s. 7½d.

CITRONELLA. — Ceylon, spot unchanged at 4s. 1½d.; shipment, 3s. 9½d., c.i.f. Formosan, prompt shipment, 4s. 3d.; July-August shipment, 4s. per lb.; spot: 4s. 9d., in bond.

COD-LIVER. — B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

CORIANDER. — B.P. oil is quoted from 70s. per lb.

CUMIN. — Quotations for English-distilled oil are about 90s. per lb.

GERANIUM. — Bourbon is 130s. per lb. on the spot and 125s., c.i.f.

GINGER. — English-distilled oil is 160s. per lb. Imported: Jamaican, 135s.; Chinese, 100s., duty paid.

GRAPEFRUIT. — Jamaican, 17s. 6d. per lb.; spot. Californian for shipment in limited supplies at 19s. 8d. per lb.

LAVANDIN. — Spot is from 10s. to 12s. 6d. per lb. for original drums.

LAVENDER. — French oil, 40-42 per cent. is 50s. per lb.

LAVENDER SPIKE. — Spanish is offered from 13s. 6d. to 15s. per lb. on the spot.

ORANGE. — Spot quotations of sweet oil include Floridan at 9s. per lb., Californian, 15s.; West Indian, 10s.; West African, 27s. 6d.; Israeli, 12s. For shipment, Californian cold-pressed, U.S.P., is nominal at 16s. 9d., c.i.f.; distilled, 6s. 5d., c.i.f. Terpeneless is 200s. per lb., spot; bitter, 27s. 6d.

PEPPERMINT. — *Aryensis*: Chinese is scarce at 24s. 9d. per lb. on the spot and 22s. 6d., c.i.f. Brazilian, 10s., spot and 8s., c.i.f. Formosan, 17s., spot; new-crop for June-July shipment, 14s. 3d., c.i.f. *Piperita*: Italian "Mitcham"-type, from 42s. 6d. to 50s.; American, 27s. 6d. to 30s., as to origin.

PIMENTO. — English-distilled berry is 180s. per lb.; imported, 75s. Rectified leaf, 27s. 6d. per lb. for small lots.

PINE. — *Pumilionis* on the spot is from 16s. per lb.; *sylvestris*, 25s.; Siberian (*abietis*), 12s. 6d.

ROSEMARY. — Spanish is 7s. 6d. to 8s. 6d. per lb. on the spot.

RUE. — Spanish is 25s. per lb. on the spot.

SAGE. — Spanish is 8s. 6d. per lb.; Dalmatian, 37s. 6d.

SANDALWOOD. — Mysore offered from 75s. to 77s. 6d. per lb. as to source. East Indian, 70s. to 71s., spot.

SPEARMINT. — Offers of U.S.P. grade are from 29s. per lb. on the spot.

TANGERINE. — Spot supplies of best oil are offered at 40s. per lb.

VERVET. — Spot is currently at about 90s. per lb.

YLANG YLANG. — Spot is about 50s. per lb.

UNITED STATES REPORT

NEW YORK, MAY 20: Resublimed IODINE was reduced 30 cents to \$2 per lb. with POTASSIUM IODIDE at \$1.43 (down 32 cents) and SODIUM IODIDE, \$1.98 (22 cents). Synthetic MENTHOL at \$5.60 lost 15 cents per lb. LYCOPodium rose by 75 cents per lb. to \$7 because of the tight position. ORANGE PEELS both sweet and bitter were dearer. Bourbon GERANIUM OIL advanced by \$1.25 per lb. to \$17 and the Algerian by 50 cents to \$15.50.

TRADE MARKS

From the "Trade Marks Journal," April 23

For preparations for killing weeds and destroying vermin; and insecticides, disinfectants and deodorants (5)

PRAC TO, 773,371, by Dustall & General Products Co., London, N.W.3.

For all goods (5)

ANCOFEN, 773,626, by The British Drug Houses, Ltd., London, N.I. MENORITAN, 774,155, by Dr. Karl Thomae, G.m.b.H., Biberach on the Riss, Germany.

For electric shaving instruments; electric instruments for personal use for removing hair from the face and body; and parts and fittings for those goods (8)

SYNCHROMATIC, 772,057, by Ever-Ready Razor Products, Ltd., London, W.C.1.

For vacuum flasks (21)

Device with words CLARA VACUUM FLASK, 771,091, by Sklárne "Clara" Národný Podnik, Utekac, Czechoslovakia.

For combs (other than graining combs), sponges and brushes (21)

CHLORODONT, 772,531, by Leowerke, G.m.b.H., Frankfurt-on-Main, Germany.

From the "Trade Marks Journal," April 30

For chemical substances (not in the nature of paints) for coating glass bottles to make them resistant to breakage and scratching (1)

SYL-GARD, 766,968, by Dow Corning Corporation, Midland, Michigan, U.S.A.

For starch and derivatives of starch, all for use in the chemical and other industries (1)

PREGALIN, 768,424, by Latenstein's Fabriek, N.V., Koog-aan-de-Zaan, Netherlands.

For adhesive paste (1)

JOY-PLANE, 769,977, by the Turnbridge Manufacturing and Supply Co., Ltd., London, S.W.17.

For liquid or powder preparations for preventing ladders and tears in stockings (1)

Device with words NYLONGUARD, 770,386, by Nylon Guard, Ltd., London, W.1.

For fused silica (1)

SPECTROSIL, 771,135, by the Thermal Syndicate, Ltd., Wallsend-on-Tyne, Northumberland.

For all goods (1) and for pharmaceutical preparations and substances (5)

SWEETONA, 772,322-23, by Boots Pure Drug Co., Ltd., Nottingham.

For chemical products for use in agriculture and horticulture (1)

NEMOSAN, 774,183, by Boots Pure Drug Co., Ltd., Nottingham.

For perfumes, eau de Cologne, toilet rouge, lipstick and toilet soap; and toilet water, face powder and talcum powder, all being non-medicated preparations (3)

Devices with words No. 5 CHANEL, 775,743-45, by Chanel, Ltd., Croydon, Surrey.

For soaps, perfumes, essential oils, preparations for the hair, dentifrices; lipsticks, toilet rouge, nail enamel, mascara and eye shadow, all being cosmetic preparations; and hand lotions and face powder, all being non-medicated toilet preparations (3)

PINK HEAVEN, 773,594, by Revlon, Inc., New York, U.S.A.

For all goods (3)

SHE, 773,912, by Thomas Hedley & Co., Ltd., Newcastle-on-Tyne.

For liquid brilliantine (3)

DERBALINE, 774,216, by Roberts Windsor Soap Co., Ltd., Windsor, Berks.

For lotions for use in waving the hair (3)

FLEXI, 774,323, by Charles Alexander & Co., Ltd., Surbiton, Surrey.

For soaps, perfumes, non-medicated toilet preparations, eau de Cologne, essential oils, cosmetics, hair lotions and dentifrices (3)

Device with words FAMOUS RHINE LAV-ENDER 4711, 770,179, by Eau de Cologne & Parfumerie-Fabrik, Glockengasse No. 4711, Gegenüber der Pferdepot von Ferd Mulhens, 4711, Cologne, Germany.

For all goods (5)

OTOSPORIN, 764,120, by the Wellcome Foundation, Ltd., London, N.W.1. CURUMIN,

772,665, ACTONIAL, 772,707, CODETTES, 774,048, PIRAMEZ, 774,162, by Imperial Chemical Industries, Ltd., London, S.W.1.

For pharmaceutical, veterinary and sanitary substances; disinfectants; preparations for killing weeds and destroying vermin; insecticides; pesticides, fungicides, germicides; and antiseptics (5)

Device of word PYTHON, 769,996, by Kenneth William Hole, London, E.C.3.

For veterinary preparations (5)

SAFERSOLA, 771,436, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical preparations and substances for use by oral administration and containing one or more of the following substances and preparations: morphine, salts of morphine, esters of morphine, salts of esters of morphine, ethers of morphine and derivatives of ethers of morphine (5)

MORPHIONEX, 771,810, by Clinical Products, Ltd., Richmond, Surrey.

For all goods but not including sanitary clothing or any goods of the same description as sanitary clothing (5)

BENEFAX, 771,866, by Benefax, Ltd., Loughborough, Leics.

For drugs for use in the treatment of gastrointestinal complaints (5)

INTESTIN-EUVERNIL, 772,073, by Chemische Fabrik von Heyden, A.G., Munich, Germany.

For analgesic preparations in tablet form (5)

NUPAX, 8772,228, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical preparations and substances (5)

BENTODEX, 773,749, by C. L. Benard, Ltd., London, N.W.10.

For laxative preparations (5)

BENTOLAX, 773,315, by C. L. Benard, Ltd., London, N.W.10.

For pharmaceutical preparations and substances containing iron (5)

PLENIRON, 773,805, by Thomas Kerfoot & Co., Ltd., Bardsley, Lancs.

For insecticides for use in spraying textile articles (5)

RENTOFAB, 773,386, by Rentokil, Ltd., Fetcham, Leatherhead, Surrey.

For pharmaceutical preparations (5)

Device with word RAYVIT, 773,714, by Rayner & Penny Cook, Ltd., Weybridge, Surrey. FENAROL, 773,991, by Winthrop Products, Inc., New York, U.S.A.

For medicinal preparations for internal use (5)

GLYTONA, 773,962, by Philip Harris, Ltd., Birmingham, 3.

For medicinal products for human use (5)

BANSOR, 774,456, by Thornton & Ross, Ltd., Linthwaite, Huddersfield, Yorks.

For electric shaving instruments and parts thereof (8)

Devices with word PHILIPS, 770,851-52 by Philips Electrical, Ltd., London, W.C.2.

For field glasses and prism binoculars (9)

AMPLIVID, 772,254, by Ernst Leitz, G.m.b.H., Wetzlar, Germany.

For scientific and electrical apparatus and instruments; and photographic, cinematographic and optical apparatus and instruments (9)

CINEFLIX, 773,794, by Harold Godfrey, London, S.W.1.

For photographic and cinematographic cameras; and lens holders, holders for light filters and lens hoods (9)

TOWER, JET, 773,903-04, by Julius Joseph Silber, London, W.C.1.

For surgical, medical, dental and veterinary instruments and apparatus and parts thereof (10)

XYAL, 772,030, by Aktiebolaget Astra, Apotekarnes Kemiska Fabriker, Sodertalje, Sweden.

For surgical prophylactic appliances made of rubber (10)

Device with words RITEX GUMMI, MILLIONENFACH BEWAHRT, 772,138, by Ritex-Gummi Hans Richter, i/Lippe Post Leopoldshöhe über Bielefeld, H, Germany.

For non-medicated toilet paper (16)

SUPRALUX, 772,792, by Cumberland Paper Co., Ltd., London, W.C.1.

For empty lipstick cases (not of precious metal or coated therewith) operated by a screw thread action (21)

CLICK CHANGE, B768,415, by Elizabeth Arden, Ltd., London, W.1.

For animal feedingsuffs (31)

Device with words FUL-O-PEP, B765,260, by Quaker Oats, Ltd., Southall, Middlesex.

From the "Trade Marks Journal," May 7

For all goods (1)

NORMALON, 772,024, by Rosedale Associated Manufacturers, Ltd., Treforest, Glam.

For chemical products for use in the manufacture of plastics (1)

HILOMIX, HILOBLEND, B773,281-82, by R. H. Cole & Co., Ltd., London, S.W.1.

For chemical products for use in industry and science and chemical substances for preserving foodstuffs (1)

STAVOX, 774,022, by the Shell Petroleum Co., Ltd., London, E.C.3.

For soaps and detergents for domestic use (3)

WOOLITE, 761,336, by Honey Harbor Co., California, U.S.A.

For perfumes, non-medicated toilet preparations, and aromatic substances for use in the manufacture of perfumes and perfumed articles, but not including soap (3)

Device with word STAR, 766,198, by A. Boake, Roberts & Co., Ltd., London, E.15.

For all goods (3)

Device of words DANIEL DEVON, 766,845, by Daniel Devon, London, W.2. Device with word FLORASYNTH, 773,045, by Florasynth Laboratories, Inc., New York, U.S.A.

For non-medicated toilet cream for the hands and face (3)

SEB, 768,070, by Genatosan, Ltd., Loughborough, Leics.

For non-saponaceous cleaning preparations (3)

REXKLEENA, B770,866, by Rex Paste, Ltd., London, S.W.10.

For cosmetic preparations and non-medicated toilet preparations, all for the hair (3)

MILAIR, 773,580, by Haeing & Co. Odol-Fabrik Kosmetische Produkte, Goldbach, Switzerland.

For insecticides in the form of liquids and of solids (5)

MALATHEXO, 767,023, by Pan Britannic Industries, Ltd., Waltham Abbey, Essex.

For preparations for sterilising udders and milking apparatus (5)

NUSAN, 767,946, by Gascoigne-Crowther, Ltd., Reading, Berks.

For medicated confectionery (5)

CIELIM, 768,688, by Ceilim, Ltd., York.

For all goods (5)

DIMICEL, 770,932, by Parke, Davis & Co., Detroit, Michigan, U.S.A., and Hounslow, Middlesex. PHENAGLATE, 772,084, by A. & G. Nicholas, Slough, Bucks. CORLAN, 773,718, EF-CORLAN, 774,078, AMOMA, 774,556, by Glaxo Laboratories, Ltd., Greenford, Middlesex.

For deodorants (5)

Device, 773,622, by Elizabeth Arden, Ltd., London, W.1.

For pharmaceutical preparations and substances for human use and for veterinary use (5)

KOLPOLYN, 774,065, PREDICTION, 774,070, by Organon Laboratories, Ltd., London, W.C.2.

For pharmaceutical preparations containing analgesics or sedatives and pharmaceutical preparations containing analgesics and sedatives, all for oral administration (5)

SEDIONEX, 774,315, by Clinical Products, Ltd., Richmond, Surrey.

For pharmaceutical preparations and substances for human use and for veterinary use; and disinfectants (5)

HYDROSARPAN, 774,319, by Biofarma, S.A., Neuilly-sur-Seine, France.

PORTUGAL NEXT

Trade Fair planned for 1959

THE Federation of British Industries has decided that the next British Trade Fair in its programme of overseas fairs will be held in Lisbon May 29-June 14, 1959. It will be organised by British Overseas Fairs, Ltd., the subsidiary of the F.B.I., and will be comparable in size to the one held in Helsinki in 1957. The F.B.I. point out that Britain is Portugal's main customer and for many years was her principal supplier. Recently, however, Germany has taken the lead in that market, although buying comparatively little from Portugal. It is felt that the time is ripe for a special endeavour by British industry to regain its position and it is hoped that a sustained effort will result in a swing of trade to Britain of £5-6 millions yearly. The fair will be the first foreign one to be held in the new National Exhibition Hall in Lisbon, which provides 45,000 sq. ft. of exhibition space inside and 80,000 sq. ft. in the grounds outside. It is to be organised in trade sections and space will be taken up by United Kingdom manufacturers or their agents in Portugal.

The Fair is being organised at a time which not only coincides with the 150th anniversary of the Peninsular War, but with the first year of an ambitious six-year development plan by Portugal providing, among other things, for additional fertiliser plants.

WORLD TRADE

Japanese-Moroccan Trade.—The first trade agreement between Japan and Morocco was signed in Rabat recently. It provides for an exchange of goods worth approximately \$3,400,000 each way, according to the Japanese Foreign Ministry. The pact will be valid for one year from December 24, 1957.

Argentine Peso: Modification Possible.—The Argentine Government is believed to be considering substantial modification of the peso exchange structure but not to have taken a decision so far. Proposals under study are said to include the possibility of maintaining the export rate at 18 pesos to the dollar but raising the import rate to 26 pesos or above.

French Foreign Exchange Losses.—M. Edgar Faure, France's new Finance Minister, has begun examining measures to check the drain on foreign exchange reserves. Between one-fifth and one-quarter of the 650 million-dollar loans secured in January have already been spent and exchange losses are running at over \$50 millions a month. M. Faure is believed to favour selective import restrictions on raw materials liable to be stockpiled by industry. Instead of rationing—a measure recommended last week by the Advisory Public Accounts Committee—he is understood to envisage switching purchases of certain essential commodities from dollar and sterling areas to soft currency suppliers. He is well known to favour increased trade with Russia and China and is also said to be studying a scheme to reduce imports of all but the most essential capital goods.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, May 26

UNITED COMMERCIAL TRAVELLERS' ASSOCIATION, Pavilion Gardens, Buxton. Annual conference. (Until May 28.)

Wednesday, May 28

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Leytonstone library, Church Lane, London, E.11, at 8.15 p.m. Annual meeting.

NOTTINGHAM BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Albert Hall Institute, at 7.30 p.m. Film show.

Thursday, May 29

DRUG TRADE APPEAL FUND, council room, Association of British Pharmaceutical Industry, Tavistock House South, Tavistock Square, London, W.C.1, at 2.30 p.m. Biennial meeting of trustees and subscribers.

MANCHESTER BRANCH, GUILD OF PUBLIC PHARMACISTS, Parke, Davis & Co., Ltd., Hounslow, Middlesex. Visit.

Friday, May 30

CROYDON BRANCH, PHARMACEUTICAL SOCIETY, Greyhound hotel, High Street, Croydon, at 7.45 p.m. Annual meeting; film show by Pfizer, Ltd.

MANCHESTER BRANCH, GUILD OF PUBLIC PHARMACISTS, Parke, Davis & Co., Ltd., Hounslow, Middlesex. Visit.

Saturday, May 31

GUILD OF PUBLIC PHARMACISTS, Apothecaries' hall, Blackfriars Lane, London, E.C.4. At 2.30 p.m., presentation of Evans medals; at 3.15, symposium on "Sterile Solutions" to be opened by Messrs. C. H. Sykes and T. D. Whittet; at 4.30, annual meeting.

Advance Information

INDUSTRIAL WELFARE SOCIETY, 48 Bryanston Square, London, W.1, on June 12. Conference on "Joint Consultation in Industry."

PHARMACEUTICAL GROUP, FRIENDS OF THE HEBREW UNIVERSITY, Washington hotel, Curzon Street, London, W.1, on June 8. Annual dinner and ball. Tickets available from Dr. A. Anisfeld, 34 High Road, Willesden Green, London, N.W.2.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies. Where known, the number of appearances of the product during the week is shown in parentheses.

June 1-7

LONDON

Ajax cleanser, Alka-Seltzer, Andrew's liver salt (3), Arrid "roll-on" (2), Aspro (9), Bartex sun-glasses, Beecham's pills (3), powders (2), Brylcreem (3), Cadum soap, Carter's little liver pills, Clair de Lune, Colgate dental cream, Cooper's aerosols (2), Damaskin, Dinneford's (2), Dylon dyes, Superwhite.

Eno's Fruit Salt (2), Fynnon salt, Ingram's shaving cream (2), Iron Jelloids, Knight's Castile soap (7), Kodak, Larson's Swedish milk diet, Maclean's indigestion remedies (2), tooth-paste, Milk of Magnesia, Mix-a-shake (3), Mothaks (2), Nervone, Optone (2), Optrex (2), Palmolive soap, Parke Davis shaving cream (4), Pepsodent (2), Phensic (3), Phosferine, Phyllosan (4), Pin-up (4), Pond's Angel Face (4), toiletries.

Saxin, Silvikrin pure, shampoo (2), Vosene shampoo, Yeast-Vite.

MIDLAND

Ajax cleanser, Alka-Seltzer (2), Andrew's liver salt (3), Arrid "roll-on" (3), Aspro (9), Bartex sun-glasses, Beecham's pills (2), powders, Bile Beans (3), Brylcreem (4), Cadum soap, Carter's little liver pills, Clair de Lune.



ANIMATED DISPLAY: Designed and produced by Leon Goodman Displays, Ltd., in conjunction with Auld & Tilbury, Ltd., for the manufacturers of Lenthéric preparations, the animated display has a hand that moves across the chin and side face in the way a man feels his face after a shave.

Colgate dental cream, Cutex stay-fast lipstick, Dento (3), Dylon dyes, Superwhite.

Eno's Fruit Salt, Fynnon salt, Gayelord Hauser yeast, Ibcot (6), Ingram's shaving cream (3), Iron Jelloids, Knight's Castile soap (7), Larson's Swedish milk diet (2).

Maclean's indigestion remedies (2), tooth-paste, Mellojuce preparations (2), Milk of Magnesia tablets (2), Mix-a-shake (2), Mothaks (2), Optone (3), Optrex, Palmolive soap, Pepsodent (2), Phensic (3), Phyllosan (3), Pin-up (5), Pond's Angel Face (4), toiletries, Quickies (3), Saxin, Silvikrin shampoo (2), hair cream, Vapex, Vosene shampoo, Yeast-Vite (2), Yeast Pac.

NORTH

Ajax cleanser, Alka-Seltzer, Andrew's liver salt (3), Arrid "roll-on" (3), Aspro (9), Bartex sun-glasses, Beecham's pills (3), powders (3), Brylcreem (3), Cadum soap, Cephos (4), Colgate dental cream, Dylon dyes, Superwhite.

Eno's Fruit Salt (2), Fynnon salt (2), Gayelord Hauser yeast (2), Germolene (3), Hiltone (2), Horlicks (2), Ingram's shaving cream (3), Iron Jelloids, Ibcot (6), Knight's Castile soap (7), Larson's Swedish milk diet (2).

Maclean's indigestion remedies (3), tooth-paste, Milk of Magnesia tablets (3), Mix-a-shake (2), Mothaks (3), Optabs, Optrex (2), Palmolive soap, Parke Davis shaving cream (3), Pepsodent (3), Phensic (3), Phosferine (2), Phyllosan (3), Pin-up (4).

Saxin, Silvikrin shampoo (2), hair cream, Setlers, Scholl's Zino pads (2), Twink, Vosene shampoo (3), Yeast-Vite (2), Zoflora.

WALES

Ajax cleanser, Alka-Seltzer (4), Amami wave set (3), Andrew's liver salt (3), Aspro (8), Bartex sun-glasses, Beecham's pills (3), powders (2), Brylcreem, Cadum soap, Colgate dental cream, Eno's Fruit Salt, Fynnon salt (2), Germolene (4), Ingram's shaving cream (4), Knight's Castile soap (7).

Maclean's indigestion remedies (2), tooth-paste, Mix-a-shake (2), Palmolive soap, Pepsodent (2), Phensic (3), Phyllosan (4), Pin-up (5).

Saxin, Silvikrin pure, shampoo (2), Yeast-Vite (4).

SCOTLAND

Ajax cleanser, Alka-Seltzer (2), Andrew's liver salt (5), Askit (7), Aspro (9), Bartex sun-glasses, Beecham's pills (3), powders (2), Brylcreem (3), Cadum soap, Colgate dental cream, Dylon dyes, Superwhite.

Eno's Fruit Salt, Fynnon salt. Ibcot (6). Knight's Castile soap (7).
 Maclean's indigestion remedies, tooth-paste (2).
 Milk of Magnesia (2). Mothaks (2). Optrex (2).
 Optone. Palmolive soap. Persomina. Phensic (4).
 Pin-up (4). Pond's Angel Face (4).
 Saxin. Silvikrin pure, shampoo (2). Products of A. L. Simpkin & Co., Ltd. Sorella foam bath. Vosene shampoo (3). Yeast-Vite.

PUBLICATIONS

Booklets and Leaflets

BRITISH DRUG HOUSES, LTD., THE, Graham Street, London, N.1: "The Management of Pregnancy." Pp. 14.
 BRITISH PRODUCTS SANMEX COMPANY, LTD., THE Sanmex Chemical Works, Dalmarnock Road, Rutherglen, Glasgow: Sanmex. Folder.
 DRAGOCO, A.G., Holzminden, Germany: "Menthol Recryst. Puriss." Folder.

Medical Propaganda

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists.
 BENGUE & COMPANY, LTD., Mount Pleasant, Alpertown, Wembley, Middlesex: "Basic daily cost to the N.H.S." Folder.
 BRITISH DRUG HOUSES, LTD., THE, Graham Street, London, N.1: Ancolan. Card.
 BRITISH SCHERING, LTD., 229 Kensington High Street, London, W.8: "Albucid" (information card).
 GEIGY PHARMACEUTICAL COMPANY, LTD., Roundthorn Estate, Wythenshawe, Manchester, 23: "Dosulfin." New style plastic information cards.
 GLAXO LABORATORIES, LTD., Greenford, Middlesex: "Radiological Contrast Agents," "Complan," "Minadex," "Neomin," "Biotexin," "B.C.G. freeze-dried vaccine Glaxo," "Crystapen tablets and oral liquid," "Benapen," "Predsol" preparations. Information cards.
 PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, England: "Protamyl" and "Largactil." Folders. "Neptal." Blotter.
 ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10: Precortisyl. Folder.
 TRUFOOD, LTD., 113 Newington Causeway, London, S.E.1: "Minafen." Folder.

Periodicals

BRITISH TABULATING MACHINE CO., LTD., THE, 17 Park Lane, London, W.1: *The Tabulator* No. 97. Pp. 18.
 BRUCE, STARKE & CO., LTD., 5 Fenchurch Street, London, E.C.3: *Dragoco Report* No. 2, 1958. Pp. 14.
 CHILEAN IODINE EDUCATIONAL BUREAU, Chile House, Ropemaker Street, London, E.C.2: *Current Iodine Literature*, Vol. 5, No. 2, 1958.
 DEXION, LTD., Maygrove Road, London, N.W.6: *Dexion Angle* No. 10. Pp. 17.



DISPLAYED TO SELL ITSELF: Display outer in which William Edge & Sons, Ltd., are issuing their Drummer lavatory Sanitizer.

HILGER & WATIS, LTD., 98 St. Pancras Way, London, N.W.1. *Hilger Journal*, February 1958.
 MOND NICKEL CO., LTD., Thames House, Millbank, London, S.W.1: *Nickel Bulletin*, Vol. 31, No. 4. *Inco-Mond Magazine*, No. 5.
 REMINGTON RAND, LTD., 19 New Oxford Street, London, W.C.1: *Remington Rand News*, *Management Views*, March-April, May.
 STAR ALUMINIUM CO., LTD., Wolverhampton: *Star Foil Review*, No. 2, 1958.

PRESS ADVERTISING

CANNON RUBBER MANUFACTURERS, LTD., THE, Ashley Road, Tottenham, London, N.17. Modern teats. National newspapers.
 COW & GATE, LTD., Guildford, Surrey: Cow & Gate. Women's magazines.
 DAE HEALTH LABORATORIES, LTD., 17 Berners Street, London, W.1: Valderma. National newspapers.
 DENDRON DISTRIBUTORS, 94 Rickmansworth Road, Watford, Herts: D.D.D. National and provincial newspapers, women's and family magazines.
 GOLDEN, LTD., 7 Grosvenor Street, London, W.1: Tress. National newspapers.
 HOWARD LLOYD & CO., LTD., 11 Waterloo Place, London, S.W.1: Lloyd's adrenaline cream. *News of the World*.
 ILFORD, LTD., Ilford, Essex. Ilford films. National newspapers.
 KIMBERLY-CLARK, LTD., Larkfield, near Maidstone, Kent: Delsey toilet tissue. In *Sunday Express*, *Daily Mirror*, *Glasgow Sunday Mail*, *Belfast Telegraph*, from May 4.
 ORGANON LABORATORIES, LTD., Brettenham House, Lancaster Place, London, W.C.2: Endocil. *Woman*, *Vogue*, *Good Housekeeping*, *Women's Weekly*, *Woman's Journal*, *Housewife*, *Everywoman*.
 POTTER & CLARKE, LTD., River Road, Barking,

Essex: Potters catarrh pastilles. Local newspapers.
 RECKITT & SONS, LTD., Pharmaceutical Department, Hull. Disprin. National newspapers and magazines.
 SCRAM PRODUCTS, LTD., Dartmouth Park Hill, London, N.W.5: Scram. National newspapers and magazines.
 SOLO ORCHARDS, LTD., Totteridge Lane, London, N.20: Solo lemon juice, Soloro. National newspapers and periodicals.
 SUNBEAM ELECTRIC, LTD., Nerston, East Kilbride, Glasgow: Sunbeam Shavemaster electric shaver. National newspapers.
 THOMPSON & CAPPER, LTD., Speke, Liverpool, 19: Mothaks. National newspapers and magazines.
 THORNTON & ROSS, LTD., Linthwaite, Huddersfield: Zolflora. Women's magazines, *Radio Times*.
 WOOLSET PRODUCTS, LTD., 17 Old Bond Street, London, W.1: Zero for Woollens. In women's magazines and local Press.

DISPLAY

IMPERIAL CHEMICAL INDUSTRIES, LTD., London, S.W.1: Alkathene showcards.
 LINCOLN HAIR PRODUCTS, LTD., 55 Stratford Road, London, W.3: Linc-O-Lin beer shampoo, hand cream, Showcards.
 REXALL DRUG COMPANY, LTD., Loughborough, Leicestershire: Rexall brewers' yeast tablets and flakes. Window or counter display stand.
 TRUFOOD, LTD., 113 Newington Causeway, London, S.E.1: Showcard with self-adhesive backing strip for affixing to the edge of shelves with wording "Trufood for the Best Babies" and "Humanised Trufood, Spoonfoods and Trufood Cereal Food" printed below. Boldly lettered in black and white on salmon pink background. 10 x 3 in.

C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; * = Tax 30 per cent.; † = Tax 60 per cent.

JEYES-IBCO SALES, LTD. (from May 19)			
	Gross	I.R.P.	
Ibco nightlights	19 3	24 4	
	Doz.		
Ibcotiles	12 20 3	2 2 4	
OPTABS, LTD. (from June 1)			
Optabs kit pack		2 9 4	
refill		2 3 4	
PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD. (to trade from May 19; to public from June 16)			
Stemetil tablets 5 mgm.	25	6 0 R	
	250	56 0 R	
suppositories 25 mgm.	5	8 9 R	
solution 1:25 per cent.			
ampoules 1 mil	10	8 9 R	

RIKER LABORATORIES, LTD. (tax imposed)			
	Each		
Ferroids*	100	6 8	12 0 4
	1,000	54 8	98 5 4

WARD, BLENKINSOP & CO., LTD. (from June 1)			
Penotrane pessaries	100		54 0 R

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

ADDITIONS TO THE LIST

CROOKES LABORATORIES, LTD.			
	Doz.		
Crookes hand cream†	1 oz.	15 0	2 5
	4 oz.	45 0	7 3
hand lotion†	2 oz.	15 0	2 5
	4 oz.	21 0	3 5

NEW PRODUCTS AND PACKS

BROOK, PARKER & CO., LTD.			
	Each		
Ribovin tablets	100	4 6	6 9
	1,000	40 0	

CAVALCADE BEAUTY PREPARATIONS, LTD.			
	Doz.		
Hanri "sea-foam" shampoo*	6 8	1 0	

DIXON, LTD.			
Cream powder			
refill (bubblepack)†	11 3	2 0	

IMPERIAL CHEMICAL INDUSTRIES, LTD., PHARMACEUTICALS DIVISION			
Nilergex tablets			
4 mgm.	50	48 0	6 0
	500	400 0	50 0
syrup	100 mls	40 0	5 0
	500 mls	140 0	17 6

Nilergex S.A. tablets			
12 mgm.	20	48 0	6 0
	100	220 0	27 6

JOHNSON & JOHNSON (GT. BRITAIN), LTD.			
Johnson's first-aid cream*	16 8		2 6

L. LEICHER (LONDON), LTD.			
Leichner anti-acne			
facial pack*	6 8		1 0
cream†	14 0		2 6
lotion†	14 0		2 6

OPTREX, LTD.			
Optrex eye compresses*	24	6 8	1 0

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD.			
Stemetil tablets 25 mgm.	50		27 6
	500		250 0
solution 1:25 per cent.			
ampoules 2 mls	10		15 0

RIMMEL, LTD.			
Budget series:			
perfumed deodorant†			1 3

POST-BUDGET PRICES

B.G.P. (COSMETICS), LTD.			
Arcancil V mascara			6 9
			11 3
mascara	335		6 11
	335R		4 3
	225		3 3
	111		3 10
pencil			3 3
eye shadow			4 3
cyclash-grower			7 0
Cleranges			9 3
Guitare lipstick			3 3
			4 0
			6 6
			13 3
dry rouge			4 0
cream rouge			4 0
Lip-cote			3 3
			5 6
Nevershine			3 2



Relief for Spring sufferers

Hay fever symptoms will soon be bringing customers to your shop with prescriptions and requests for Neophryn with Antihistamine. From now until late summer you will get a steady demand for the solution that gives long-lasting, *safe* relief of nasal congestion and irritation—without rebound congestion or other unpleasant side effects. That means a large stock and now is the time to order.



Neophryn *with Antihistamine*

Trade Mark

Available in convenient plastic atomiser.

Retail price: 4/0d. Trade price: 2/8d.

Neophryn 0.5% and thenyldiamine HCl 0.1%

Bayer Products Limited

Kingston-on-Thames, Surrey

Associated exporting company: Winthrop Products Ltd.

B
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A new molecular complex of

chloral hydrate in tablet form

At last the problems of taste, odour and gastric upset associated with chloral hydrate have been overcome.

WELLDORM (dichloralphenazone) is a palatable *tablet* form of a new molecular complex of chloral hydrate that will induce safe, physiological sleep. Those whose only wish is to "get off" to sleep and wake up without any hangover effects will find WELLDORM preferable to barbiturates.



Welldorm

TABLETS

SAFE • PALATABLE • RELIABLE

Availability: 10gr. scored tablets in containers of 25 and 250. Prescribable on Form E.C.10

PRICE:	Trade	Retail
25 container	2/6	3/9
250 container	20/-	30/-
Exempt Purchase Tax		

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WELWYN GARDEN CITY • HERTS.

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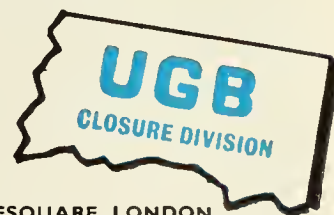
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METHADONE HYDROCHLORIDE · THEOBROMINE · ALKALOID AND
PREPARATIONS



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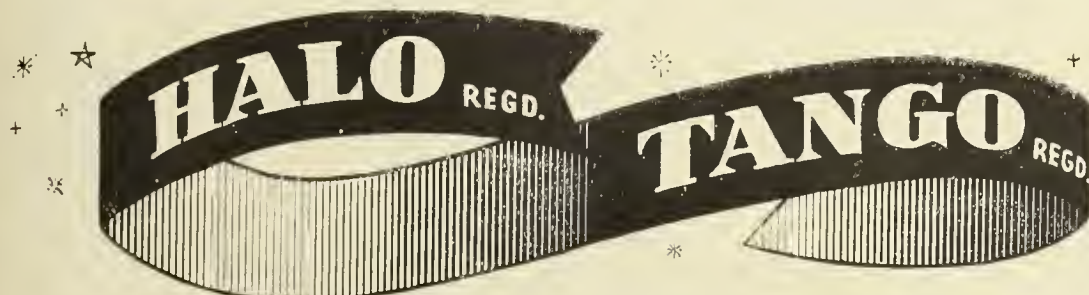
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It's the quality chemists prefer...

SOLO ORCHARDS LTD · TOTTERIDGE LANE · LONDON · N.20 · HILLside 6641 (3 lines)



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**PACKS TO SUIT YOUR
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—fancy border slumber nets, in single envelopes, 3 doz. in Display Box. In brown and pastel shades.

TANGO—Silk No. 1185. Nylon No. 1815

Packed 4 doz. on Round Cards or singly in attractive envelopes 1 gross in Display Box.

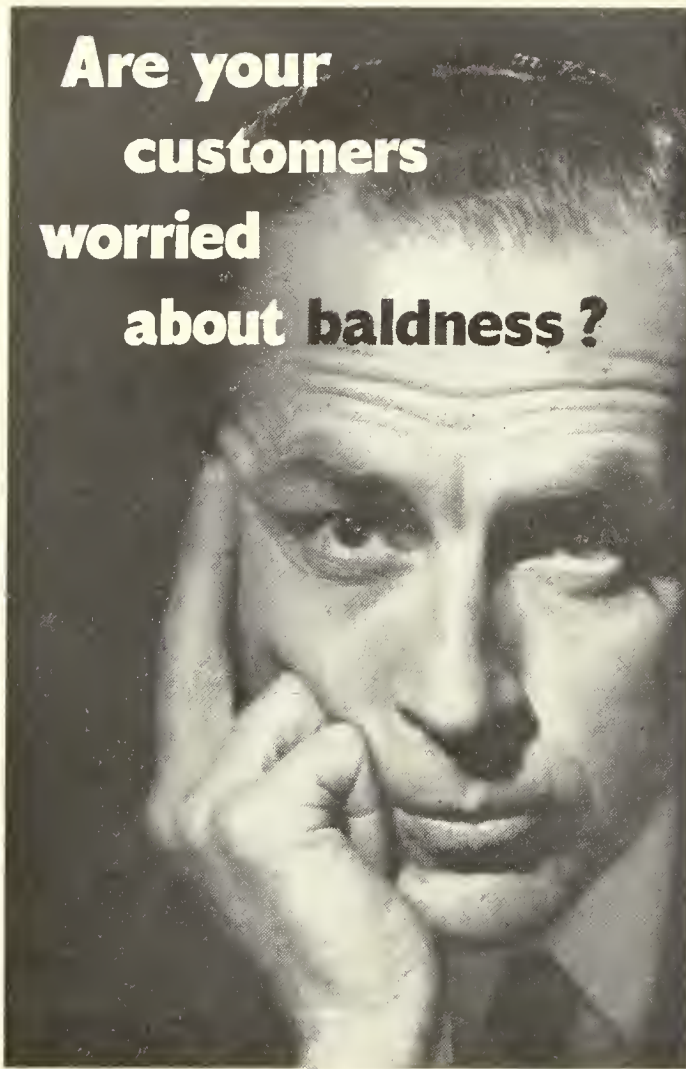


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HORMONE PREPARATION**

Sooner or later countless men—and women too—become concerned about hair loss. Dozens of *your* customers are worried about falling hair, many of them acutely. Statistics prove it! You can soothe their worries, and increase your trade and goodwill by recommending Jochem's Hormone Preparation. The incredible record of success that this Dutch hair preparation has in revitalising and stimulating hair growth makes it one of the most profitable lines that you can carry.

Now reduced to sell at 19/6 per bottle. (Inc. P.T.)
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ALL
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'NIAGARA'
Blackcurrant Syrup

Niagara—made from Blackcurrant juice and sugar—rich in Vitamin C—the perfect drink for young and old alike.

More customers are asking for both these delicious, health-giving drinks. Meet the extra demand by ordering ample stocks *NOW* and make sure of year-round profits.

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POLYVALENT INTESTINAL BACTERIOPHAGE



The BIOLOGICAL treatment for most intestinal, para-intestinal, kidney and bladder infections

ENTEROFAGOS is one of the series of M.B.L. preparations which enjoy the confidence of the Medical profession in this country and overseas. It is of established therapeutic value in the treatment of infective conditions of the gastro-intestinal tract, kidneys and bladder.

ENTEROFAGOS contains the active bacteriophages against Staphylococci, Streptococci, B. coli, B. Typhosus, B. paratyphosus, B. dysenteriae and Enterococci. It can be given to adults or children without fear of harmful reactions, and this combination of efficacy and safety makes ENTEROFAGOS the ideal treatment for the infective conditions indicated.

The preparation is contained in ampoules to be taken orally according to the instructions supplied.

INDICATIONS

With ENTEROFAGOS most cases of Diarrhoea respond rapidly to treatment. Colitis, Enteritis, Entero-colitis, Typhoid and Paratyphoid Fevers, Bacillary Dysentery, B. Coli Infections, Food Poisoning are equally responsive to its treatment.

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BY 'MODERN' ANTI-COLIC TEATS

Babies need to get their food easily and naturally if they are to be healthy and contented. The triple perforation in "Modern" teats means that the food is diffused into baby's mouth in an even, natural flow—providing it has been strained through a piece of muslin before being placed in the bottle. The spiral strengthening prevents buckling and they stand repeated sterilisation, giving them a long life, yet they cost only 7½d. each.

"Modern" Teats are made in three flow sizes, so be sure to buy the right size for your baby. Look for the colour on the pack—Red for large perforation. Green, medium; Blue, small.

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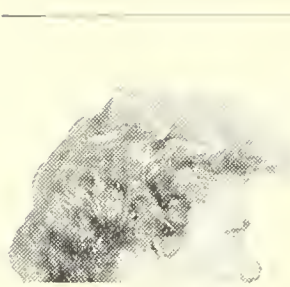
FOR **"MODERN"**
ANTI-COLIC TEATS

'Modern' Teats are widely and nationally advertised, so make sure that you have a good supply in stock by ordering now from your usual wholesaler. With their triple perforation and spiral reinforcement, they are preferred by mothers because they give "Nearest to Natural" feeding. Individually packed in a two-dozen display outer, they retail at 7½d. each and are available in **three** flow sizes, easily distinguishable by the colours on the packs—red for large perforation, green for medium and blue for small.

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(SELENIUM SULPHIDE, ABBOTT)

is the solution to
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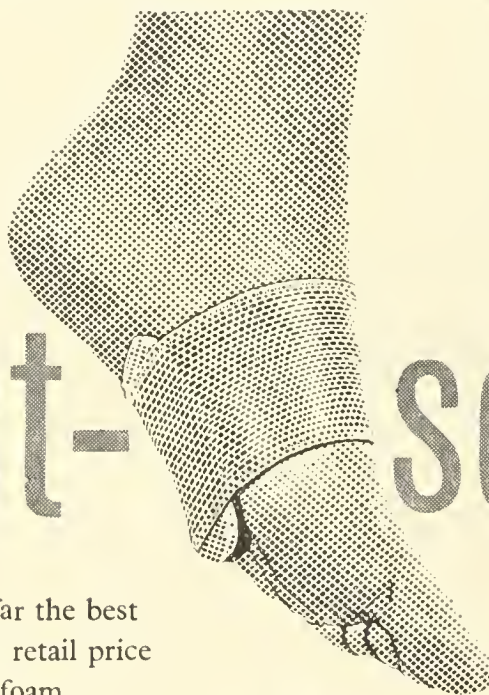
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METATARSAL PADS

**Your
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Thousands of chemists have already made sure of their Elastoplast bonus. Have you? Don't delay any longer. If you have already ordered, what about a second bonus order while there's still time.

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**Easily packed-easily carried*

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... for indoors
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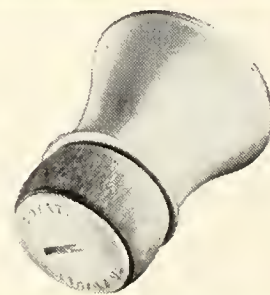
Attractive, compact shape
specially designed for
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THE RELIABLE BRAND OF VACUUM VESSELS
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TRADE MARK α -phthalimidoglutarimide

(thalidomide)

safe sedation and sounder sleep

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Scored tablets of 25 mg.	Trade Price	Purchase Tax	Retail Price
Tube of 24	2s. 6d.	9d.	4s. 6d.
Bottle of 100	8s. 4d.	2s. 6d.	15s. 0d.
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- An entirely new *non-barbiturate* sedative and hypnotic
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WEST MIDDLESEX. Clean, light factory with offices, area 7,500 sq. ft. (can be extended), complete with plant and machinery, for manufacture of pharmaceutical products. To be sold freehold with P. & M. *in situ*. Suitable also for many other trades. Details from Mills & Wood, factory agents, 30 Fleet Street, E.C.4. FLE. 4754. C 7993

PREMISES TO LET

TWO large shops to let, with upper parts in first-class unique position facing Ford's Factory, Dagenham. Excellent shops for chemist, badly required. Apply A. G., Queen's Hotel, Church Road, Upper Norwood, S.E.19. C 8030

BUSINESSES FOR DISPOSAL

KENT, near coast. Small Chemists' business. Excellent shop and living accommodation. Scope for development. £1,250, s.a.v. Rent £200 p.a. or freehold available. Collier & Gardener, 9 The Parade, Canterbury, Kent. C 1532
KENT. Old-established wholesale medical supplies and sundries' business. Excellent audited figures. Ample scope. £1,850, s.a.v. Health reasons for sale. Box C 1533.

BUSINESSES WANTED

IN THE ASHE LABORATORIES development programme provision is made for the purchase of one or more cosmetic, toiletry or proprietary medicine businesses. Principals are invited to contact Managing Director with a view to opening negotiations. Ashe Laboratories, Limited, Leatherhead, Surrey. C 396

APPOINTMENTS

ANCOATS HOSPITAL, MANCHESTER, 4

Pharmacist

Applications are invited for the above post. Whitley Council scale and conditions. Salary £580—£785 p.a. Applications, stating age and experience, with names of two referees to the General Superintendent. C 8003

BOSTON COMBINED HOSPITALS (319 Beds)

Locum Chief Pharmacist

required from August 22 to September 6, 1958. Salary by arrangement. Apply giving details of age, qualifications, experience and two names for reference to the Hospital Secretary, Boston General Hospital, South End, Boston, immediately. C 7990

ANCOATS HOSPITAL, MANCHESTER, 4

Assistant-in-Dispensing

required. Salary according to age, rising to a maximum of £490 p.a. Applications, giving details of age, experience and qualifications, to be sent to the General Superintendent. C 8004

BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, LONDON, E.2

Locum Pharmacist

Salary up to 16 guineas a week. Apply to Hospital Secretary, Tel.: ADV. 3413. C 397

ANCOATS HOSPITAL, MANCHESTER, 4

Locum Pharmacist

required. Salary £16 16s. per week. Applications to be addressed to General Superintendent. C 8026

BRENTWOOD GROUP HOSPITAL MANAGEMENT COMMITTEE Pharmacist

Applications invited for Pharmacist at Harold Wood Hospital, near London. Salary scale £580—£785 p.a. Whitley Council conditions of service. Temporary accommodation can be provided if required for single person. Applications, stating age and experience together with the names of two referees, to the Chief Pharmacist, Harold Wood Hospital, Harold Wood, Essex. C 8005

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE Locum Pharmacist

required for the following periods:—

9th June	—	16th August
14th July	—	19th July
8th September	—	20th September

for duties at 3 hospitals within the Group. Salary up to 16 guineas per week. Applications to the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 377

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE Senior Pharmacist and Pharmacist

required at Bethnal Green Hospital (350 Acute beds). The department has recently been modernised and is approved for training students. N.H.S. Scale with n the range £680—£870 for Senior Pharmacist and £600—£815 for Pharmacist, plus appropriate higher qualification allowance. Apply with details of age, training and experience to the Group Secretary, 213 Kingsland Road, London, E.2. C 344

CHERRY KNOWLE HOSPITAL, RYHOPE, Nr. SUNDERLAND, Co. DURHAM

Assistant-in-Dispensing

required on (a) Part-time or (b) Full-time basis, as desired. Remuneration—(a) 4/1d. per hour (pro rata to full-time of 39 hours per week); (b) Age 22 or over, £415 — £510 in seven increments. Applications to the Secretary at the above Hospital. C 8027

CHERRY KNOWLE HOSPITAL, RYHOPE, Nr. SUNDERLAND, Co. DURHAM

Chief Pharmacist

Full-time or Part-time (Category D)

(Sessional rates as Pharmacist-in-sole-charge). Health Service scales and conditions. Active Psychiatric Hospital of 900 beds. Written applications forthwith to the Group Secretary. C 7977

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Dispensing Assistants

required for the following periods:—

23rd June	—	28th June
28th July	—	2nd August
25th August	—	6th September

for duties at 3 hospitals within the Group. Salary up to £9 11s. 6d. per week, plus London Weighting, according to age and qualification. Applications to the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 378

CITY GENERAL HOSPITAL, SHEFFIELD, 5

Locum Pharmacist

required during period July to September. Work undertaken under the supervision of the Chief Pharmacist. Salary £16 16s. per week.

Apply, stating particulars of age, experience, etc., to the Group Secretary, "Lyndhurst," Nether Edge Hospital, Sheffield, 11. C 8017

GENERAL HOSPITAL, MARGATE

Deputy Chief Pharmacist (Category IV)

Whitley Council salary scale—£675 to £910 per annum. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 384

HAMMERSMITH HOSPITAL & POST-GRADUATE MEDICAL SCHOOL, DU CANE ROAD, LONDON, W.12

Locum Pharmacist

required immediately at above teaching hospital, until mid July. Salary by arrangement. Detailed applications to Chief Pharmacist. C 7991

HILL END HOSPITAL, ST. ALBANS, HERTS

Applications are invited for the following appointments, both for the period June 16 to July 12, 1958, at the above hospital within easy reach of Central London:—

Locum Tenens Pharmacist

Salary £16 16s. per week.

Locum Tenens Dispensing Assistant

Salary and conditions according to Whitley scale. Applications stating age and experience to Chief Pharmacist. C 7932

HOSPITALS FOR DISEASES OF THE CHEST

Locum Pharmacist (Category III)

required at THE LONDON CHEST HOSPITAL. Salary by arrangement. Applications to the House Governor, London Chest Hospital, E.2. C 8022

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Assistant-in-Dispensing

required. Post vacant from May 12, 1958. Whitley Council conditions of service. Applications to the Chief Pharmacist (Tel. No.: Stepney Green 4251). C 7957

Appointments—Continued**HIGHBURY HOSPITAL,
BULWELL, NOTTINGHAM**
Pharmacist

Applications are invited for the appointment of full-time pharmacist. The post offers opportunity to obtain experience in pharmaceutical work for surgical, medical and maternity patients. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council regulations. Applications, stating age, qualifications, experience, and names of two referees, to be sent to the Secretary. C 7976

**KENT AND CANTERBURY
HOSPITAL,
CANTERBURY**
Pharmacist

required for the group pharmaceutical department. This post offers excellent experience in all branches of pharmacy. This department services the Canterbury Group comprising eleven hospitals with a total of approximately 850 beds. Salary (Category IV hospitals) £580 x £30 (6)—£760 x £25 (1)—£785. Higher qualifications allowance payable as appropriate. The Group Pharmacist will be pleased to answer any inquiry either by telephone or letter concerning the duties of the post. Enquiries from candidates about to sit their Final Examinations will be considered. Applications with full details and copies of three testimonials to be forwarded as soon as possible to the Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury. C 7984

**LAMBETH HOSPITAL,
BROOK DRIVE, S.E.11**
Assistant-in-Dispensing

required. Whitley Council rates of pay and conditions. Applications, in writing, giving names of two referees to the Secretary. C 390

**LONDON JEWISH HOSPITAL,
STEPNEY GREEN, E.1**
Locum Pharmacist

required. Post vacant from May 12, 1958. Salary £16 16s. per week. Applications to the Chief Pharmacist (Tel. No.: Stepney Green 4251). C 7958

**METROPOLITAN HOSPITAL,
KINGSLAND ROAD,
LONDON, E.8**
Locum Pharmacist

required as from June 2, 1958. Salary up to 16 guineas a week. Apply to Hospital Secretary. Tel.: Clissold 6862. C 392

**NAPS BURY (MENTAL) HOSPITAL,
MANAGEMENT COMMITTEE,
Nr. ST. ALBANS, HERTS**
Senior Pharmacist

Applications are invited for the post of Senior Pharmacist, £650 x £30 (6)—£830. New pharmacy completed 1957. Applications to the Group Secretary, with names of two referees, endorsed "Senior Pharmacist." C 7841

**METROPOLITAN HOSPITAL,
KINGSLAND ROAD,
LONDON, E.8**
(General 146 beds)
Pharmacist

for modern department. Permanent post vacant due to retirement. Salary £600—£815, plus appropriate higher qualification allowance. Apply with details of age, training and experience to the Hospital Secretary. C 393

**NETHER EDGE HOSPITAL,
SHEFFIELD, 11**
Locum Pharmacist

required from August 18 to September 13, 1958, or thereabouts. Salary by arrangement. Apply, stating particulars of age, experience, etc., to the Group Secretary, "Lyndhurst," Nether Edge Hospital, Sheffield, 11. C 8019

**ROCHDALE AND DISTRICT
HOSPITAL MANAGEMENT
COMMITTEE,
BIRCH HILL HOSPITAL**
Pharmacist

required to work at the above General Hospital under the direction of the Group Pharmacist. Salary £580 to £785 per annum. Whitley Council Salary Scales and conditions of service. Assimilation point in salary scale according to experience. Application forms from the Group Secretary, Central Offices, Birch Hill Hospital, Rochdale. C 8020

**PRESTON AND CHORLEY
HOSPITAL MANAGEMENT
COMMITTEE,
CHORLEY AND DISTRICT
HOSPITAL, CHORLEY**
Pharmacist

Applications are invited for the post of pharmacist at the above busy general hospital. Excellent opportunities to obtain wide experience in hospital pharmacy. Whitley Council scale and conditions. Salary £580—£785 per annum, plus £25 per annum higher qualification allowance. Applications, with names of two referees, to the Group Secretary, Royal Infirmary, Preston, Lancs. C 8018

**STAINES GROUP HOSPITAL
MANAGEMENT COMMITTEE,
ASHFORD HOSPITAL,
ASHFORD, MIDDLESEX**
Pharmacist

required on salary scale £580 to £785 per annum, plus London Weighting Allowance. OR Locum Pharmacist, salary £16 16s. per week. Applications, stating age, qualifications and experience, with copies of up to three recent testimonials, to Medical Director of Hospital immediately. C 385

**ST. LEONARD'S HOSPITAL,
NUTTALL STREET,
LONDON, N.1.**
Locum Pharmacist

required from June 16, 1958. Salary up to 16 gns. a week. Apply to Hospital Secretary. Telephone: Clerkenwell 2901. C 401

**ST. LUKE'S HOSPITALS,
BRADFORD, 5**
Pharmacist or Senior Pharmacist

required. General and Maternity Unit — 862 beds. Whitley Council salary and conditions. Apply Hospital Secretary. C 8014

**ST. LEONARD'S HOSPITAL,
NUTTALL STREET,
LONDON, N.1.**
Senior Pharmacist

Permanent post in modern department. Salary £650 to £830, plus appropriate London Weighting and high qualification allowance. Apply with details of age, training and experience to Hospital Secretary. C 400

**ST. PETER'S HOSPITAL,
CHERTSEY, SURREY**
Pharmacist and Assistant-in-Dispensing

required. Whitley Council conditions. Hospital in pleasant rural surroundings within easy reach London. Temporary accommodation available for single woman. Salaries: Pharmacist £580 to £785 according to experience. Assistant-in-Dispensing (age 22 or over) £375 to £490. Applications, stating age and experience, giving two references to Administrative Officer. C 8010

**SUNDERLAND AREA HOSPITAL
MANAGEMENT COMMITTEE**
Locum Pharmacist

required. One for General Hospital now, and one for the Royal Infirmary from September 1 to 13, 1958. Salary 16 guineas per week. Apply in writing to the Group Secretary, General Hospital, Sunderland. C 8006

**SUNDERLAND AREA HOSPITAL
MANAGEMENT COMMITTEE**
Pharmacist

required for the General Hospital. Salary £580 x £30 (6)—£760 x £25 (1)—£785. Whitley Council conditions. Apply immediately naming two referees to the Group Secretary, Sunderland Area Hospital Management Committee, General Hospital, Chester Road, Sunderland. C 8007

**WALSALL HOSPITAL
MANAGEMENT COMMITTEE**
Locum Assistant-in-Dispensing

required from May 27 to June 28 and July 7 to 19 for duties at hospitals within the Group. Applications to Chief Pharmacist, Manor Hospital, Walsall. C 8008

**HEALTH CENTRE
SWINDON HEALTH CENTRE**
Deputy Chief Pharmacist

Applications invited from pharmacists for superannuable appointment of Deputy Chief Pharmacist at above Health Centre. Salary on scale £675—£910 p.a.—39-hour week. Living accommodation may be available if required. Applications stating age, qualifications, experience and names and addresses of three referees to be sent as soon as possible to the clerk of the Council, County Hall, Frowbridge, C 367

**SITUATIONS VACANT
RETAIL (HOME)****ARMY & NAVY STORES, LTD.**
Victoria Street, S.W.1

5 minutes from Victoria Station

A vacancy exists for a Pharmacist to take charge of the Dispensary, six assistants. Hours 9—5.30. (Sats. 1 p.m.) Pension scheme. Staff Restaurant. Shopping Privileges.

Write or call Staff Manager, 12 Artillery Row, London, S.W.1. C 7974

BRANCH MANAGER PHARMACIST required for suburban branch in pleasant district. Applications from either male or female pharmacists would be considered. The position is a permanency with superannuation benefits, sick pay, etc., and the present wages, plus emoluments, are in excess of £1,000 per annum. A Locum Pharmacist is also required for the Portsmouth district. Applications, in writing, stating age, experience, etc., to the Personnel Manager, Co-operative, 110 Fratton Road, Portsmouth. C 8032

LADY ASSISTANT required for counter. Knowledge of retail pharmacy including photographic and toilet goods. Send details of experience, copies of testimonials, date free and salary required. If engaged fare paid here. Raymond Smith, 2 Cliff Road, Newquay, Cornwall. C 1538

MANAGER required for high-class, semi-rural pharmacy. Agencies: Arden, Rubinstein, Lancome, etc. Modern shop, well fitted, stocked and staffed. Hours 9-6 p.m. No rota duties. Accommodation: modern flat over two shops, with garage. Apply, by letter, to Astons, Chemists, Worthing. C 1536

MEDWAY TOWNS. Young Pharmacist required for work mainly in busy dispensing department. Excellent flat available for married man with small family. Very good working conditions. Salary £1,000 plus commissions. Apply W. E. Coles, Ltd., 27 Darnley Road, Strood, Kent. C 1528

NORTH LONDON (HORNSEY AREA). Pharmacist-manager required to take complete control of substantial business which should also possess considerable scope for expansion; good living accommodation is available on the premises; if desired a capital investment by way of shares can be arranged either immediately or over a period to be agreed; good basic salary and bonus based on net profit. Box C 7970.

OLDHAM CO-OPERATIVE CHEMISTS, LTD., invite applications for position of pharmacist branch manager. Accommodation, modern house made available, if necessary. Superannuation. Salary and other emoluments, £930. Applications, stating age, experience, etc., to Oldham Co-operative Chemists, Ltd., King Street, Oldham. C 388

LOCUMS WANTED

BLACKBURN. Pharmacist as locum manager required, preferably from June 9 to 28 or any week or weeks of this period. Good supporting staff and congenial conditions. Please state experience, age and usual terms to G. T. Espley, M.P.S., 49 Daisy Lane, Blackburn. C 1535

WARD, CASSON LTD.

is holding a further Training Course for medical representatives this August. Applications are being considered for the following areas:

**Birmingham · Glasgow · Ireland · London
Manchester · Newcastle · South Wales · Yorkshire**

Candidates should have medical or para-medical backgrounds; experience in representation, however, is not essential but it would be an advantage.

An attractive starting salary is being offered. A car is provided and expenses paid.

The posts offer great possibilities for the right man wanting to progress with a developing Company.

Replies should be accompanied with full details of previous experience and a recent photograph.

WARD, CASSON LTD.,

Berkeley House, 15 Hay Hill, London, W.1. C 7926

A. H. ROBINS COMPANY LIMITED**MEDICAL REPRESENTATIVES**

English Associate of leading American Ethical Pharmaceutical House requires medical representatives to visit the profession in the London area and Home Counties.

Above average salary, company car and normal business expenses will be offered to successful applicants who should have had some experience in Medical representation with a Pharmaceutical Company of repute. Initial applications, which should give full details of past experience, will be treated in strict confidence and should be addressed to: A. H. Robins Co., Ltd., 5 Fenchurch Street, London, E.C.3.

C 8024

Situations Vacant—Continued

HERTFORDSHIRE AREA. Pharmacist locum required for extended period from June through to September. Possibility of a permanency later if desired. High wages paid to right man. Box C 7972.

RETAIL (OVERSEAS)

NORTHERN RHODESIA. Qualified assistant required for retail. Duties mainly dispensing. Passage paid out. Applications air mail to Ray Jackson, M.P.S., P.O. Box 183, Ndola, N. Rhodesia. C 1531

WHOLESALE**ALLIED LABORATORIES LIMITED****Medical Representative**

As a result of reorganisation and expansion, applications are invited for vacancies in the following territories:

1. West London.
2. Cheshire and South Lancashire.
3. Sussex.

Previous experience in representative work is desirable but not essential as training will be given. A sound pharmaceutical and/or medical background is, however, necessary. Applicants should hold a current driving licence and reside in the area for which applying. Remuneration is by salary and expenses and a car is provided. An attractive Life Assurance and Pension Scheme is also in operation. C 399

A WELL-KNOWN COMPANY extending its activities into chemists and drapery stores fields will be appointing a first-class representative experienced in this work. Area South London and Home Counties. Good salary, car, pension scheme. Apply in strict confidence to Box C 8000.

C. E. FULFORD, LTD., Leeds, invite applications for appointment of sales representative to call on chemists in the North-east. Residence Newcastle district desirable. Salary, car, expenses, bonus, pension scheme. Apply Sales Director. C 8002

EXPANSION OF SALES FORCE

The manufacturers of Suba Seal chemists' products and Suha Maid housewares require an experienced representative in the following area:—Northants and parts of Warwicks, Beds, Bucks and Oxon.

Nucleus of first-class connection will be handed over to successful applicant, and there are excellent prospects for the future.

Remuneration by salary, commission and expenses. Staff superannuation. Car owner essential.

Reply giving full details of career to date, age, and when available to Home Sales Manager, Wm. Freeman & Co., Ltd., Suba Seal Works, Peel Street, Barasley. C 7997

MANUFACTURING MANAGER required by **BEECHAM PHARMACEUTICALS, LIMITED**, St. Helens, Lancs. Pharmaceutical qualifications preferred, but not absolutely essential. Five-day week. Profit participation and non-contributory pension scheme. Apply in writing to Personnel Manager. C 8021

MEDICAL REPRESENTATIVES

A progressive, leading Pharmaceutical Company has vacancies for Medical Representatives in the following parts of the United Kingdom.

- (1) London (all postal districts).
- (2) Lancashire (South and North-west).
- (3) The Midlands.
- (4) Somerset and Devon.
- (5) Sheffield.

Applications are invited from Pharmacists or men with pharmaceutical experience to fill these positions where enthusiasm and hard work will be rewarded by good conditions of service and assured future. Applications giving full details of career to date should be addressed to Box C 7988.

PHARMACEUTICAL CHEMIST. Manufacturing chemists, near to Liverpool, marketing pharmaceutical products in Home and many Export markets, will shortly have vacancy for Graduate in Pharmacy or F.P.S. This is an appointment for a candidate who enjoys working with a young team of enthusiasts, and in most congenial surroundings. In first instance, written applications, please, giving fullest information, to Chief Chemist, Box C 8029.

REPRESENTATIVE required for Yorkshire territory for sale of hypodermic syringes and hypodermic equipment to hospitals. Already well established. Experience in hospital trade an advantage but not essential. Good salary, travelling expenses, car provided. Apply Box C 8009.

THE BRITISH DRUG HOUSES, LTD., require a young male **PHARMACIST**, who has preferably completed his practical training in hospital or retail pharmacy, for Technical Information Department. The post provides sound training in the pharmaceutical industry. Apply in writing to Ref. HGR, The Personnel Manager, The British Drug Houses, Ltd., Graham Street, London, N.1. C 7994

THE CROOKES LABORATORIES LIMITED

require a representative to cover North Scotland, preferably resident in either Aberdeen or Dundee.

A pharmaceutical qualification or adequate technical background is essential. The appointment is superannuated and well remunerated with progressive salary, adequate expense allowance and commission directly associated with territorial results. Promotion is possible either in the U.K. or to overseas positions. Only candidates with keen desire to progress should apply in writing with full details regarding age and past experience to the Sales Director, The Crookes Laboratories, Limited, Gorst Road, Park Royal, N.W.10. C 8013

OPPORTUNITY occurs for young man to take control of sundries warehouse, Surrey. Capital required £3,000. Strictly confidential. Box C 1534.

SALES REPRESENTATIVE required calling on retail chemists, selling nationally known sanitary towels, surgical dressings, and chemists' sundries. Staffs, Shropshire, and part Cheshire. Salary, commission and expenses. State age and experience. Box C 8031.

WESTMINSTER LABORATORIES LTD.

require a Deputy to the Director of the Medical Department. Pharmaceutical or equivalent qualification essential. Age not exceeding 40. The duties are interesting and varied and to the right man the position offers considerable scope in the Company's rapidly expanding business in the ethical field. Pension scheme. Applications, treated in strict confidence, should give experience to date and be addressed to:

**The Medical Director,
Westminster Laboratories, Ltd.,
Chalcot Road, London, N.W.1.**

C 8012

WHOLESALE (OVERSEAS)

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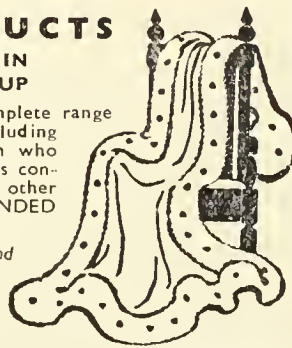
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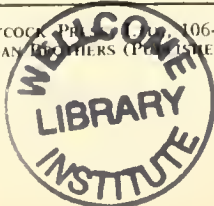
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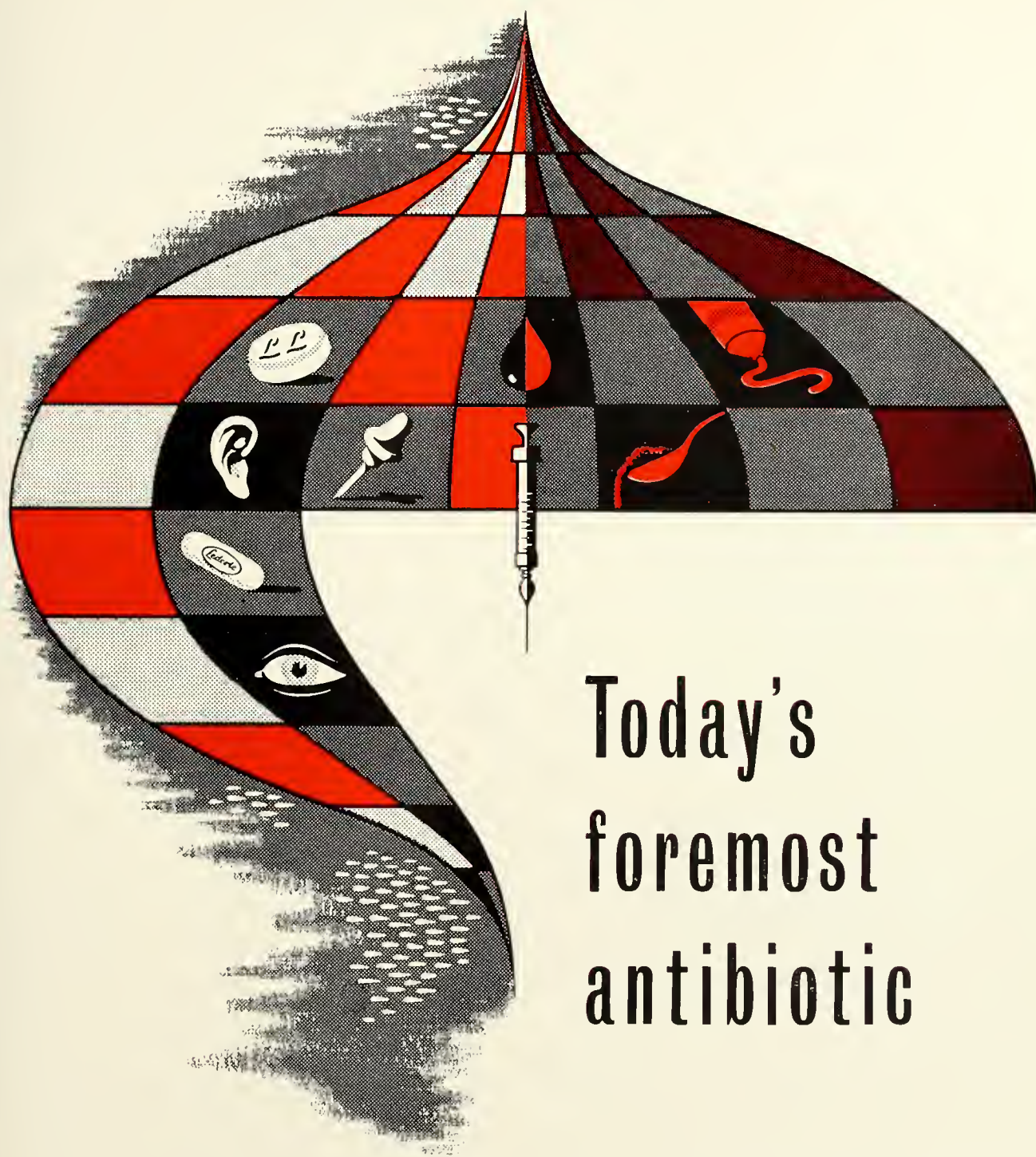
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